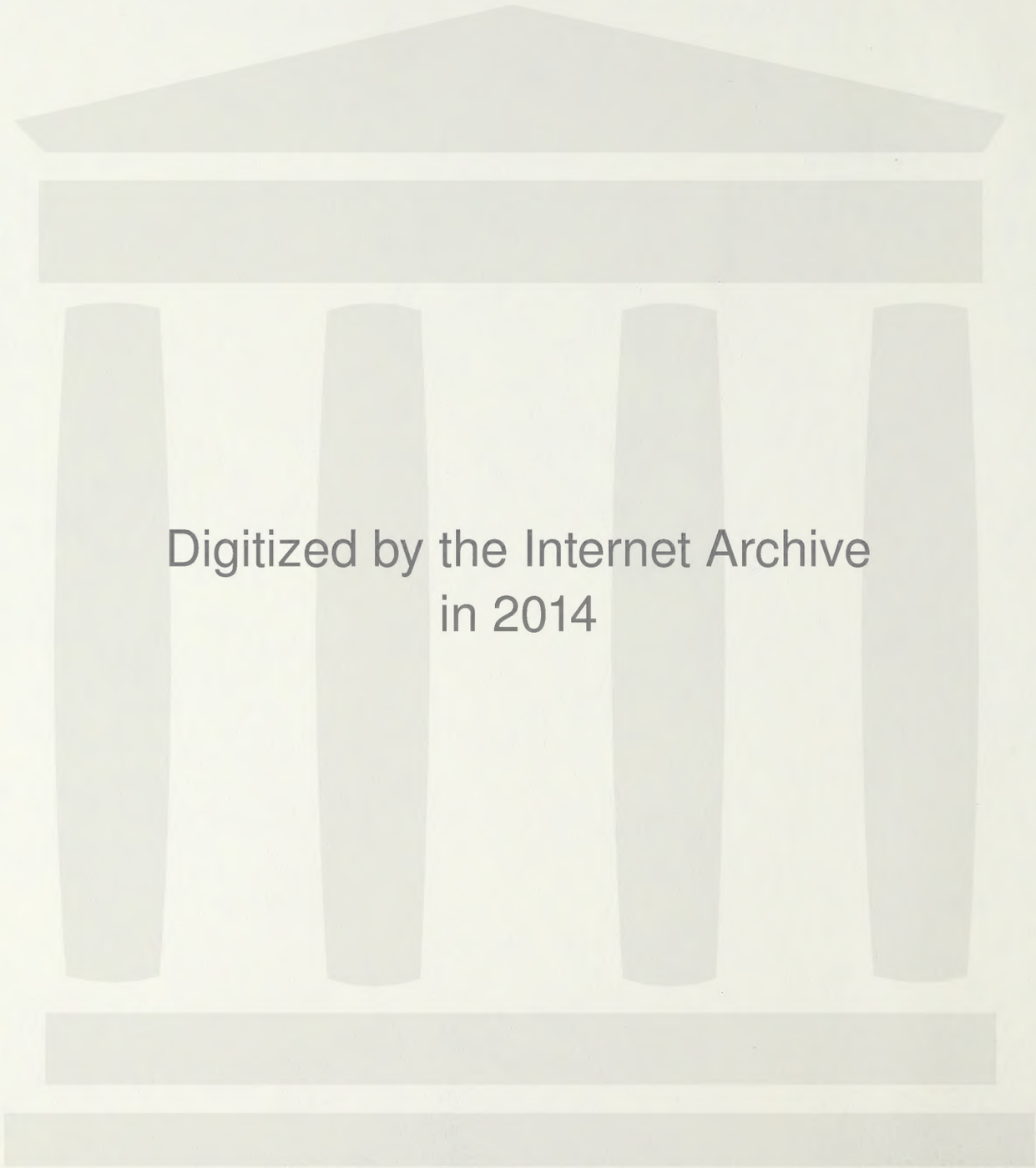
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U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

INSTRUCTIONS

FOR

PREPARING METEOROLOGICAL FORMS.

CLIMATOLOGICAL DIVISION.

WASHINGTON:
GOVERNMENT PRINTING OFFICE.
1912.

INSTRUCTIONS

FOR

PREPARING METEOROLOGICAL FORMS.

CLIMATOLOGICAL DIVISION.

1. Meteorological Forms, when Mailed.—Forms No. 1001, No. 1015, No. 1017, No. 1028, No. 1065, No. 1068, No. 1072, No. 1073, No. 1074, No. 1075, and No. 1083, not later than the 10th; Form No. 1030, 1st, except when that date falls on Sunday it will be issued on the 2d; Forms No. 1002 and No. 1003, as soon as the correction letter for December Form No. 1001 is received.

2. When any form can not be mailed on the prescribed date, an explanation of the cause of delay will be forwarded to the Central Office on the day that it should have been mailed.

3. The barograph and thermograph traces, and Forms No. 1015, No. 1017, and No. 1028 will include the record for the last day of the month.

4. It is the policy of the Central Office not to surrender custody of any form that can not be duplicated, after it has been received. The official in charge is therefore enjoined to see to it that all data required are extracted before such forms are mailed.

5. In forwarding the above-named forms to the Central Office write on the lower left-hand corner of the envelope, "Forms for Climatological Division."

6. In preparing Forms No. 1001, No. 1015, No. 1017, No. 1028, No. 1083, and barograph and thermograph trace sheets for mailing, the sheets will be arranged chronologically and fastened together with a Dennison or similar paper fastener.

7. Errors will be charged as follows: (1) Each original correction made in the examination will be counted as one error, but supplementary errors resulting from the original entry will not be charged. (2) A failure to comply with any instructions will be counted as one error when it has been clearly shown that such instructions have been received at the station. (3) If an observer has been charged with an error for failure to comply with any instructions, and again fails to do so on forms for succeeding months, he will be charged with an error for each erroneous entry in the form caused by his disregard of the instructions in question. (4) Errors of omission will be counted in the same manner as errors of commission.

8. An original error made in taking, reducing, or recording an observation, or in transcribing data from Form No. 1083, will be charged equally between the person taking the observation and the one who checks the data (one-half to each).

9. Forecasters, section directors, and specially designated officials in charge may assign an assistant of ability and trustworthiness to be responsible for the accuracy of Form No. 1001 in so far as relates to all matters of copying, compiling, computing, etc., but in all questions of judgment, where it is necessary to put a construction upon an order, ruling, etc., the matter will be decided by the official in charge.

10. Any assistant may be responsible for pages 4, 5, 6, and 7 of Form No. 1001, and Forms No. 1002 and No. 1003. This will give a careful assistant opportunity to make a record for accuracy, besides relieving the official in charge to some extent. The official in charge of the station, however, must continue to exercise general supervision over the meteorological work of his assistants, examining and checking it as frequently as may be necessary, and will be held jointly responsible with them for the general appearance and accuracy of all forms. He also will be held directly responsible for errors that can be detected by a cursory examination, and if the number of errors made at his station be unduly large, it will be considered evidence that he is not giving proper attention to this duty, and he will be censured conjointly with the assistant or assistants making the errors. Messengers and student assistants will not be held responsible for any meteorological form without special permission.

11. The assistant preparing Form No. 1001 under the provision of paragraph 9 will sign his name in the lower left-hand margin of page 9; those preparing pages 4, 5, 6, or 7 will sign on the lower left-hand margin of said pages.

12. Two persons will not sign as responsible for a page or form, except in case of sickness, absence, or relief from station, and then it will be stated for what portion each one is responsible.

13. An official relieved from charge of station or responsibility for forms will be held accountable for errors up to, but not including, the date of his relief. When so relieved he must plainly indicate on the forms the dates of his accountability.

14. Ditto marks (") will not be used in any form.

15. The station clock will be kept adjusted to the standard of time in local use.

16. All regular and special observations will be taken on 75th meridian time, but the standard of time in local use will also be entered.

17. All instrumental records will be kept on the standard of time in local use.

18. All data on pages 2 and 3 of Form No. 1001, except days with light and dense fog, and the corresponding data on page 9, and all data on page 10, will be recorded in 75th meridian time. All other data will be recorded in the standard of time in local use. Data on Forms No. 1014, No. 1030, and the notes on Form No. 1083 will be in the standard of time in local use.

FORM No. 4012, Mis.

19. Whenever an employee has reason to think that he has been wrongfully charged with errors, the correction letter will be returned at once, by indorsement, requesting a reexamination, and stating what error or errors should not, in his opinion, be charged, with his reasons therefor. The matter will receive prompt and careful consideration, and should it be found that errors have been improperly charged they will be removed. If the errors charged are accepted, the letter will invariably be signed by the person or persons whose names appear in the body of the letter and promptly returned. In case of absence of the employee who is responsible for the accuracy of the data, it will be signed by the official in charge and forwarded to the one to whom the error or errors have been charged, to be noted by him and returned to the Central Office. Employees are enjoined to see to it that all corrections indicated, and all resulting changes, are made in Forms No. 1001, No. 1002, No. 1014, and the Climatological Record. The carbon copy of the letter which accompanies it will be filed as a letter received.

FORM No. 1001.

20. This form will be kept clean, and all entries therein made in a neat, legible hand. The leaves should be separated for convenience in entering the data, but margins must not be trimmed.

21. Whenever, from any cause, an observation is not taken the reason therefor will be plainly written on the margin and a full report of the facts at once made to the Chief of the Weather Bureau.

22. If an observation has been taken late, it will be recorded in brackets with the exact time at which it was taken, and used in computing all means and averages the same as if taken on schedule time, unless the conditions have changed since the time for the observation, in which case the probable conditions at the proper time of observation will be determined from the recording instruments by interpolation. These interpolated values will be entered in red ink above the late readings and used in all means and deductions.

23. An observer may be occasionally prevented by legitimate causes from taking an observation on time, but in such a case the observation will be taken as soon as possible and recorded as of the time at which it was actually taken and disposed of as provided in paragraph 22, and a full report of the facts at once made to the Chief of the Weather Bureau. This report will always receive proper consideration.

24. An observer guilty of falsifying the record by reporting observations as taken at prescribed hours which were not actually so taken, or in any other manner whatsoever, will be summarily and severely dealt with, regardless of previous record or length of service.

25. All observations entered on Form No. 1083 will be immediately copied in the proper spaces in Form No. 1001. The observations must be enciphered from Form No. 1001. The retained record will contain pages 2, 3, 8 (except beginnings and endings of precipitation), 9, and 10, and it must be kept up to date. All footings on pages 4, 5, and 7 of Form No. 1001 that are required to be entered in Form No. 1002 will be copied in the retained Form No. 1002 before mailing Form No. 1001.

26. In order that the reports may be filed at the telegraph office not later that 8 o'clock, 75th meridian time, observations will be begun not to exceed twenty minutes before that hour.

27. Instruments will be read and conditions noted in the following order: (1) Clouds, (2) state of weather, (3) maximum and minimum thermometers, (4) dry and wet thermometers (and thermograph noted), (5) anemoscope, (6) rain gage (or snow gage), (7), register to anemometer, (8) attached thermometer to barometer, (9) barometer (and barograph noted).

28. All entries in this form must be made in black record ink except when otherwise directed. Red ink will not be used except in underscoring and when especially directed (see pars. 22, 59, 71, 93, and 226). If an error has been made in an original reading in Forms No. 1001 or No. 1083, an ink line will be drawn through the erroneous entry and the correct one placed immediately above the canceled reading in black ink.

29. Entries of direction of wind and clouds will be printed thus: N., NE., E., etc.

30. When crowded for room, notes will be put upon the margin.

31. Instructions relative to taking special observations are given in the Weather Code.

32. All meteorological observations taken will be checked, so far as possible, the following day by the employee responsible for their accuracy.

33. The day of the week on which the month begins will be entered on the left-hand margin of page 8, opposite the first date.

PRESSURE.

34. Actual Elevation.—The height of the zero points of the barometers of a station above sea level. The elevations of instruments will be entered to whole feet on *all meteorological forms*, except Form No. 1058, when these data are required.

35. Station Elevation.—The elevation above sea level adopted for a station at a basis to which all pressure observations at the station are correlated. The elevation on January 1, 1900, was adopted as the station elevation for each one in operation on that date. For stations opened subsequently, the elevation of the barometer at the time of opening of station will be adopted as the station elevation.

36. Removal Correction.—When an office is moved to new quarters and the elevation of the barometer is thereby changed, a proper correction will be applied to the barometric readings in the new location that will reduce the observed readings to the pressure appropriate to the " station elevation." This removal correction will be included in the sum of corrections, Form No. 1059, furnished by the Instrument Division.

37. Sum of Corrections.—A term embracing all the corrections that are practically constant for a given instrument and in a given location, namely, the correction for scale errors, capillarity, gravity, and the removal correction. This sum is given on Form No. 1059, furnished for each instrument.

38. Total Correction.—The correction for temperature, plus the " sum of corrections " as defined above.

39. Observed Reading.—The direct result of the reading of an instrument, uncorrected for any errors.

40. The barometer should be read and recorded to the nearest thousandths of an inch, and the reading will be immediately entered on Form No. 1083 before the reductions are made.

41. Station Pressure.—Corrections for instrumental error, gravity, temperature, and removal, preceded by the proper algebraic signs, will be applied to the observed barometer readings. The correction for temperature will be obtained from the barometer correction cards, as follows: Find at the top of the card the observed height of the barometer, and in the column headed "Attached thermometer," the reading of the attached thermometer; the number at the intersection of these lines will be the correction to be applied. If the reading of the thermometer be less than 29° above zero, the correction will be added, and if 29° or more it will be subtracted. For barometer or attached thermometer readings not given in the table the temperature correction will be determined by interpolation. The sum of corrections for instrumental error, gravity, and removal will be applied to the correction for temperature before recording the latter. Example: Observed barometer reading, 29.512; attached thermometer, 62.0; sum of corrections, + .008. The temperature correction card gives a correction of —.089, to which add the sum of correction +.008= —.081 to be used and recorded in column headed " Total correction."

42. If the position of the barometer be changed and the elevation increased, .001 inch will be added to the sum of corrections for each foot of increase; if the elevation be decreased, .001 will be subtracted for each foot of decrease. These corrections will be applied pending the receipt of new correction cards.

43. Reduced Pressure.—The reduced barometer will be taken directly from the special table supplied to each station and will be entered to hundredths only. The temperature argument, at stations making two observations daily, will be the mean of the current temperature and that at the preceding regular observation; at stations making but one observation daily it will be the mean of the maximum and minimum temperatures as read at the time of observation. The pressure argument will be the station pressure to hundredths of an inch only (the third decimal being disposed of according to rule). Enter the table with the arguments as above described and find the point where the argument lines intersect; the value there given will be the reduced pressure. It will be necessary to interpolate for the hundredths when the station pressure falls between the tenths of an inch as given at the top of the table. No interpolation will be required for temperature argument if the table be extended so that for each temperature entered there is a difference of only one hundredth in the table. The temperature argument for a special observation will be the mean of that and the preceding regular observation.

44. 3,500 and 10,000 foot planes: The temperature and pressure arguments will be the same as for the sea-level pressure, and the pressure for these planes will be obtained from the tables furnished for said elevations in the same manner as the sea-level pressure and the data will be entered to hundredths of an inch only.

TEMPERATURE.

45. All thermometers must be read and the readings recorded to the nearest tenth of a degree, except the attached thermometer, which will be read and recorded to the nearest half degree.

46. The dry-thermometer readings will be reduced to the various planes by applying the corrections in the table furnished for reducing the " monthly temperature " to these planes.

47. Instrumental corrections will not be applied to thermometer readings except when they are ±0.3 or more in the case of mercurial thermometers, and ±0.5 or more in the case of minimum or alcohol thermometers, or at temperatures of 42° or lower; and when the wet thermometer reads higher than the dry, then all corrections will be applied to the readings of the dry and wet bulb thermometers. The corrections furnished are for each 10°, and will be applied algebraically to the scale readings of the thermometers before recording the same. For a scale reading between those for which corrections are given, an interpolated value of the correction will be used. Example: For a reading of 62.0° the correction is —0.5°. The true temperature is, therefore, 62.0°—0.5°=61.5°. For a reading of —8.0° the correction is —1.2°, the true temperature is —8.0°—1.2° = —9.2°. For a reading of —28.0° the correction is +7.8°, the true temperature is —28.0°+7.8°= —20.2°. The corrections of thermometers are given on the cards only as low as actual comparisons have been made with substandards. If it should happen that a reading of a thermometer is obtained at a point lower than any for which its corrections are given, then the corrections will be determined by continuing the same ratio of increase or decrease as between the last 30° for which the corrections are given. Example: The correction at +2° is —0.6°, and at —28.0° is —2°. The change of correction between +2° and —28° is —1.4°. For 7° it is about —0.3°. For a scale reading of —35.0°, which is 7° below —28.0°, the correction is —2.3°, and the true temperature is —35.0°—2.3°= —37.3°. When the signs of the temperature and the correction are the same, add; when different, subtract.

48. The maximum and minimum thermometers will be set both at the a. m. and p. m. regular observations. They will not be set when taking special observations.

49. Observers should always note whether there is agreement in the temperature values given by the several thermometers; that is to say, (1) the top of the alcohol column of the minimum should indicate the same or nearly the same temperature as shown by the dry thermometer; (2) the minimum thermometer reading should be as low as, or lower than, the dry thermometer at the current and preceding observations; (3) the maximum thermometer reading should be as high as, or higher than, the dry thermometer at the current and preceding observations. Readings contrary to the above rules, if the instruments are properly set and read, are abnormal, and steps will be taken at once to discover and remove the cause or replace the instrument if defective. Small differences, however, amounting in some cases to nearly or quite a degree, will occasionally be found to occur. On such occasions the exact readings must be recorded, with an explanatory note.

50. The wet thermometer should always be kept in proper condition, the bulb and muslin cover clean and carefully moistened preceding each observation. In damp, foggy weather it may sometimes read higher than

the dry thermometer after all instrumental corrections have been applied, in which case enter the corrected reading of the instrument, but inclose it in brackets, and enter the corrected reading of the dry thermometer above it and use the latter in obtaining the footings; record the reading of the dry bulb as the temperature of the dew-point, and the relative humidity as 100 per cent, with an explanatory note on the margin.

51. When the temperature of the air is below that at which mercury freezes, the temperature as indicated at the top of the alcohol column of the minimum thermometer will be entered as the readings of the dry and wet bulb thermometers, and also as that of the dew-point, and the relative humidity will be recorded as 100 per cent.

During the prevalence of low temperature, but above the freezing point of mercury, the wet bulb covering should be saturated a few minutes before beginning the observation; and whenever, after diligent effort, it is found impossible to cause the wet thermometer to read as low as, or lower than, the dry thermometer after applying all corrections—any incidental moisture on the dry bulb being removed—the reading of the wet thermometer will be recorded as corrected and inclosed in brackets, and the reading of the dry thermometer entered above it and used in obtaining sums and means. The dry thermometer reading will be recorded as the temperature of the dew-point, and the relative humidity as 100 per cent. Explanatory notes should indicate when these conditions occur.

52. The dew-point, relative humidity, and vapor pressure will be obtained in accordance with the tables furnished; the dew-point will be entered to the nearest whole degree, the relative humidity to the nearest whole per cent, and the vapor pressure to the nearest thousandths of an inch.

53. All daily temperature values on page 8 will be entered in whole degrees only, the tenths of degrees being disposed of according to rule.

54. At stations having a thermograph, the maximum and minimum temperatures on page 8 will be taken from the maximum and minimum thermometer readings on pages 2 and 3 (see paragraphs 55 and 56) except when the true maximum or minimum for the day, midnight to midnight, can not thus be obtained, in which event it will be obtained from the corrected thermograph trace (see paragraph 224). At stations not having a thermograph the maximum and minimum will be obtained in accordance with paragraphs 55 and 56.

55. The maximum temperature for the day will be taken from the p. m. observation, except under the following conditions: (1) The maximum temperature recorded at the a. m. observation of the next day will be used when it is higher than the maximum at the p. m. observation and is believed to have occurred before midnight; (2) the maximum temperature recorded at the preceding a. m. observation will be used when it is believed to have occurred after midnight and is higher than any temperature recorded after the a. m. observations of that day. The maximum of any day must be as high as the minimum of the preceding day.

56. The minimum temperature for the day will be taken from the a. m. observation, except under the following conditions: (1) When a lower minimum is recorded at the p. m. observation, it will be used; (2) when the minimum recorded at the following a. m. observation is lower than that recorded during the preceding day, and is believed to have occurred before midnight, it will be used; (3) when the minimum recorded at the a. m. observation of the current day is believed to have occurred before midnight the minimum temperature for the day will be taken from the p. m. observation, unless example (2) requires it to be taken from the following a. m. observation. The range is the difference between the maximum and minimum.

57. The mean (max. and min.) temperature for the day is the sum of the maximum and minimum (as recorded on page 8) divided by 2, and will be recorded to whole degrees only, the tenths being disposed of according to rule. This mean will be used on all forms and reports as the daily mean temperature.

58. The change of temperature is the difference between the mean temperature of the previous and that of the current day.

59. Hourly Readings.—At stations designated by the Central Office the hourly readings of the thermograph, at the exact hour, after being corrected for instrumental error in accordance with instructions, will be entered in black ink on page 5 in whole numbers. The readings at 8 a. m. and 8 p. m., 75th meridian time, and at all other hours at which eye readings are made of the dry thermometer, when they correspond to an exact hour, standard of time in local use, will be entered in the proper hours, and in the same hour column will be written, in red ink, with its appropriate sign, the correction for the self-registering instrument (see paragraphs 217 and 222–227). All eye readings at hours other than 8 a. m. and 8 p. m., 75th meridian time, will be underscored in red ink. When the standard of time in local use is not 75th, 90th, 105th, or 120th meridian time the 8 a. m. and 8 p. m. readings, 75th meridian time, will not be entered, but the corrections at these hours will be entered at the nearest hour, standard of time in local use, and the correction will be applied as usual.

60. In case the register fails to record for a portion of the day the missing data should be supplied by interpolation; the data thus obtained will be connected by an asterisk to an explanatory note on the margin of the form.

61. Only data for whole days will be used in obtaining sums and means.

62. Footings.—The sums and means will be determined from the data entered in accordance with the foregoing instructions, the means being recorded to tenths.

63. Average Hourly Readings.—The mean of the column headed " Sum " will be obtained by dividing the total sum by the number of hours in the month.

64. Page 4 will be prepared at all stations where an automatic record of sunshine is made, except at those that have been authorized not to do so. The character of the day and average cloudiness will be entered at all stations.

65. The actual time sunshine as recorded during each hour will be entered to the nearest tenth of an hour in the appropriate columns under heading " Sunshine recorded during hours ending " (4 a. m. to 9 p. m., standard of time in local use).

66. The photographic record of sunshine obtained on the sensitized charts is recorded on solar time, which differs from local time by a variable amount, as shown in fig. 3, Circular G, Instrument Division. If the time error amounts to a tenth of an hour or more it must be eliminated by complying with the instructions contained in paragraphs 24, 25, and 27 of Circular G, Instrument Division.

67. In tabulating the data from photographic records it will be necessary to change local mean time to the standard of time in local use. Hour lines will be ruled on the photographic record in red ink to correspond to the standard of time in local use. If the local mean time of the station is twenty

minutes faster than the standard of time in local use the red-ink hour lines will be ruled twenty minutes to the right of the hour lines, and if local mean time is twenty-five minutes slower than standard of time in local use the lines will be ruled twenty-five minutes to the left of the hour lines, etc. The data will then be tabulated with reference to these adjusted hour lines.

68. The " Character of sunrise and sunset " will be recorded as clear, cloudy, foggy, hazy, or smoky, depending upon whether the sun was visible or obscured at the time of sunrise or sunset. When the character of sunrise or sunset is cloudy, foggy, hazy, or smoky the time these conditions obtained will be deducted from the full possible twilight correction.

69. It is not intended that observers shall go on duty at unreasonably early hours in order that the character of sunrise may be determined, but it is believed that, without much inconvenience, sufficiently accurate data can be obtained by noticing the character of weather immediately upon rising and by inquiry of persons who may have occasion to be up at time of sunrise.

70. The " Twilight correction " will be the difference between the time of sunrise for the latitude of station (as shown by Sunshine Table, Edition 1905) and the time at which the sunshine record began, and the difference between the time the sunshine record ended and the time of sunset (shown by table), provided the sky was clear during both these periods. If there were clouds, fog, etc., on the horizon sufficient to obscure the sun, either morning or evening, the time the sun was obscured should be deducted from the correction, as determined above.

71. The twilight correction will be apportioned among the morning and evening hours during which the sun shone and the register failed to record. The amount which belongs to each hour will be entered in red ink to the left of and above the entry of the amount of recorded sunshine. The twilight correction thus entered will be included in the sums entered at the bottom of the page.

72. Under " Hours of sunshine " the column headed " Total " will be the total recorded, including twilight correction. The " Possible hours of sunshine," recorded in the succeeding column, will be computed from the time of sunrise and sunset, as previously taken from Sunshine Table, Edition 1905.

73. In order that the first and last of the monthly " sums " under " hours ending " shall not be discordant with the " divisors " employed at the end of the month, the first and last fractional proportions of the " twilight correction " will be recorded each day to the nearest hundredth of an hour, provided the sun when at the horizon was not obscured; all other entries will be to the nearest tenth.

74. The " Percentage of possible hours of sunshine " will be obtained by dividing the total for each day (total recorded, plus twilight correction), multiplied by 100, by the " Possible " for the same date.

75. The " Percentage of possible for each hour " will be determined by dividing the " Sum," multiplied by 100, by the number of hours of possible sunshine for the entire month during the hour indicated by the heading of the column. Except for the hours ending shortly after sunrise or sunset the " Hours of possible sunshine " will be the same number as there are days in the month. The divisors to be used for the hours ending shortly after sunrise and sunset are given in Sunshine Table, Edition 1905. The " Percentage of possible " for the month will be determined by dividing the sum of column headed " Total," multiplied by 100, by the " Possible " for the month.

76. All percentages will be recorded to the nearest whole per cent.

77. If at any time the amount of sunshine recorded by the instrument is known to be incorrect, either because the instrument fails to record when the sun is faintly obscured by thin haze, cloud, light fog, or light smoke, or because it continues to record for moderate cloudiness which obscures the disk of the sun, the true amount, as determined by eye observations, will be entered in the proper hour spaces in black ink and an explanatory note made on the margin of the form and on the original record sheets. A slight readjustment of the angle of inclination of the glass tube will eliminate imperfect results of this character with the electrical sunshine recorder.

78. No twilight corrections for the first and last hours will be entered under the conditions given in paragraph 77, but the record for the entire time will be in black ink.

79. When hills, trees, or buildings in easterly and westerly directions cause the actual times of sunrise and sunset to differ from those in the table, the observer will note, about the 15th of each month, or oftener if the horizon is very irregular, the time of actual sunrise and sunset, for the center of the sun's disk, and note those observations on the margin of the page.

80. When the photographic sunshine recorder is used the sensitized charts containing the permanent record will be pasted on Form No. 1065, provided for that purpose, before forwarding them to the Central Office (see paragraphs 25 to 27, Circular G, Instrument Division), but all data will be tabulated on page 4, Form No. 1001, only in accordance with the special instructions given.

WIND.

81. The current velocity, and maximum velocity since last observation, will be obtained in accordance with paragraphs 181–184. When the anemometer cups are not moving at the time of observation the wind will be recorded as calm, whether or not 1 or more than 1 mile has been recorded during the last hour; if the cups are moving, a velocity of 1 mile or more will be recorded. The maximum velocity will be entered on pages 2 and 3 only when it equals or exceeds 25 miles per hour. Where but one observation is taken daily, enter the prescribed velocity for the twelve hours preceding the observation and omit entry for the succeeding twelve hours.

82. The maximum velocity must always be equal to or greater than the current velocity, and will have but one direction recorded therewith.

83 The current velocity will be the reading at the time of taking the observation, i. e., between 7.40 and 8 o'clock, 75th meridian time. The maximum velocity will be the highest velocity for a five-minute period during the twelve hours preceding the regular observation.

84. Whenever there is a break in the record, enter note with the maximum velocity for each twelve hours, and for the day, stating the time for which they are a record.

85. The total movement for the twenty-four hours ending at 12 midnight will be used as the total daily movement.

86. The prevailing direction of the wind for each hour will be entered in the hour spaces, page 6. Only one entry will be made as the prevailing

direction for any single hour. If two or more directions are recorded an equal number of times on Form No. 1017, consider the directions adjacent to the hour in determining the direction to be entered as prevailing. When the wind movement for any hour is entered as "0," the directions for that hour will also be "0."

87. The prevailing direction for the day, and for the hour as recorded at the foot of page 6, is the direction or directions which appear most frequently in the respective line and column.

88. The direction recorded the greatest number of times during the month will be considered and entered as the prevailing direction for that period. If two or more directions occur an equal number of times consider the adjacent directions in determining the prevailing direction for the month. Only one direction will be entered.

89. Hourly Wind Movement.—The number of miles of wind recorded each hour will be entered for each day on page 7.

90. In counting the number of miles of wind for each hour the closing of the circuit should be counted as the mile and should be given to the hour in which the circuit closed.

91. The record for each day on pages 6 and 7 must be completed on the day following that for which the entries are made, or as soon thereafter as practicable, and the total for each day compared with the total from midnight to midnight, for the same period of time, entered on the face of the wind sheet.

92. The average hourly velocity will be obtained by dividing the total movement by the number of hours in the month.

93. The maximum velocity during the hour will be entered in red ink in the upper left-hand corner of the hour space each hour that the maximum velocity exceeds the limit fixed by the official in charge, for entry in Form No. 1014 (see par. 163). This velocity will be entered in the space provided at the top of the page.

CLOUDS.

94. Entries of clouds will be printed thus: Ci., Ci.St., Ci.Cu., A.Cu., A.St., St.Cu., Nb., Cu., Cu.Nb., St.

95. The amount of clouds will be recorded on a scale of zero (0) to ten (10). If no clouds are visible, record zero (0); less than one-tenth, record "Few"; less than two-tenths and not less than one-tenth, record 1, etc. Absence of movement will be indicated by the figure zero (0) in the space for direction; and at night, when there is doubt as to kind and direction, a query mark (?) will be placed after the questionable record. The directions from which the clouds are moving will be recorded to eight points of the compass, as N., NE., E., etc.

96. Haze, smoke, and fog will not be recorded in tenths, but must be designated as dense or light, except when smoke or fog occurs in only a portion of the sky, then as follows: $\frac{1}{10}$ light fog in NE., W.; $\frac{2}{10}$ light smoke in W., N., etc. These fractional amounts will not be considered in footing up the columns.

97. No clouds will be recorded with dense haze. If clouds are observed, the haze will be entered as light. Haze will not be given a direction. When dense haze is observed the state of weather will be recorded as "Hazy," and when light haze is observed the state of weather will be determined from the amount of clouds.

98. Dense smoke and dense fog (unless they prevail with nimbus clouds) will not be recorded when clouds are observed, except when from the roof of a building the sky can be seen, in which case a note will be entered stating the fact, and the state of weather will be determined from the amount of clouds; otherwise, when dense smoke or dense fog is observed the weather will be recorded as "Smoky," or "Foggy," as the case may be. When light smoke or light fog is observed the state of weather will be determined from the amount of clouds.

99. Fog and smoke can have a direction; when no movement is perceptible, record zero (0) in space for direction.

100. If there be two or more kinds of clouds observed, invariably record the upper first and the lower immediately underneath in the space for clouds.

101. Clouds will be recorded according to their form without reference to the occurrence of precipitation. That is, if rain is falling from strato-cumulus clouds, record the clouds "St.Cu." and the state of weather "Light rain," etc. When precipitation is occurring with dense fog, record the clouds "10 Nb." and the direction the same as the wind. When precipitation is occurring in the distance, but not actually at the place of observation, an explanatory note will be entered and the state of the weather recorded in accordance with the conditions at the place of observation.

102. Observers should be careful not to record cumulus or strato-cumulus as cumulo-nimbus. It is seldom that more than a few tenths of cumulo-nimbus clouds are visible.

103. In the column "Average cloudiness," page 4, observers will record in whole numbers the average amount of clouds during the day (sunrise to sunset) on a scale of zero (0) to ten (10), as determined from frequent personal observations.

104. The "Character of day" will be determined from data in column headed "Average cloudiness"; zero to three, inclusive, record "Clear"; four to seven, "Partly cloudy"; eight to ten, "Cloudy."

PRECIPITATION.

105. The time of each beginning and ending of precipitation will be recorded; intervals of fifteen minutes or less between the time of ending and recommencement not being considered except near the time of an observation, when all beginnings and endings must be recorded.

106. When a thunderstorm occurs the international symbol for thunderstorm (⚡) will be entered on the right-hand margin of page 8 on each day, midnight to midnight, standard of time in local use, on which thunder was heard.

107. The amount of rainfall will be determined by measuring with the "measuring stick" the amount in the receiver of the rain gage; record as the amount one-tenth of the actual depth measured. After the receiver has been emptied the water in the overflow, if any, will be poured into the receiver, measured, and added to that found in the receiver. Precipitation of less than 0.005 of an inch will be recorded "T." When the p. m. observation is not taken, the amount of precipitation for that observation will be measured the same as if both observations were taken.

108. When there is danger of evaporation, the rainfall will be measured as soon as the rain ceases, and the water, if drawn off, will be returned to the gage. If the measurement at the next regular observation exceeds this one, it will be substituted therefor.

109. All precipitation entirely or partially in the form of sleet, snow, or hail will be melted, poured into the rain-gage receiver, measured, and recorded in the same manner as rainfall. The measurement of precipitation in the form of snow is attended with much uncertainty, due to the action of the wind in drifting the snow and preventing it from entering the gage or blowing out a portion of the snow that has entered. If the observer has reason to believe that the amount collected in the snow gage is not the total snowfall since last observation, three measurements of the depth of snow will be made at different places and the mean of these measurements recorded as the actual depth of the snow. If it is impracticable to melt the snow, or the amount collected in the snow gage is not considered correct, one-tenth of the amount of snow in the gage or from measurements elsewhere, as the case may be, will be recorded as the amount of precipitation for that observation, with an explanatory note.

110. The following suggestions are given for the guidance of observers in the measurement of snowfall:

While one-tenth the depth is arbitrarily adopted as the water equivalent of snow, yet this is only coarsely approximate, and observers should always endeavor to determine the actual equivalent by one of the following methods:

First method.—Select a place where the snowfall is as little disturbed as possible and cut out a section with the snow gage, or 8-inch overflow of the rain gage, by sinking the gage inverted through the snow and covering the mouth with a sheet of tin or thin board. The 8-inch cylindrical section of snow thus secured is then most conveniently measured by weighing, either in the gage itself, the weight of which is afterwards deducted, or after first emptying the snow into some smaller or lighter vessel. If this weight can be ascertained with an accuracy of within one-fourth of an ounce, the water equivalent will be given to the nearest hundredth of an inch by use of Table II—Paragraph 77, Circular A, 1903.

Second method.—If the snow is melted and measured in the measuring tube of the rain gage, care must be taken that loss does not occur by evaporation. Rapid melting must be avoided. The best results are obtained, not by melting directly, but by mixing a measured quantity of warm water with the snow and then measuring the slushy mixture, just as if the snow were all melted, deducting, of course, the amount of warm water added. Ten, or even five inches of warm water in the measuring tube are sufficient for effecting the measurement of a very considerable snowfall. Care must be taken in changing the snow or water from one vessel to another that portions of the precipitation are not lost.

111. When precipitation is occurring at the time of observation, or occurs between the taking of the observation and 8 o'clock, 75th meridian time, a check mark will be made on Form No. 1017 or No. 1028 to show the exact time of observation. The record for that hour as entered on the face of the above forms will include the amount between the check and the end of the hour, but under head of precipitation at time of the a. m. and p. m. observation on the above forms, as also similar headings on Forms No. 1001, No. 1014, and No. 1083, the entries will show the amounts recorded at the time the measurements were made.

112. Precipitation from fog, dew, or frost will not be recorded in this form. Absence of precipitation will be indicated by the figure zero (0).

113. All beginnings and endings of precipitation will be entered in chronological order on the dates on which they occur, beginning at the left-hand column. Only one entry will be made in each column when there are not more than four showers. A. m. and p. m. will be entered as " a " and " p," respectively. When time of beginning and ending is unknown it will be recorded as D. N. a. or D. N. p. (during night).

114. The depth of snowfall (which remained on the ground for an appreciable length of time) during the preceding twenty-four hours will be entered each day in the column headed " Unmelted ____ p. m. to ____ p. m.," on page 8.

115. Less than 0.05 inch of unmelted snow, and all snow which melts as it falls, will be recorded as " T," and in the case of the latter a marginal note " Melted as it fell " will be entered.

116. The total depth of unmelted snow on the ground each day at 8 p. m., 75th meridian time, by actual measurement (the mean of three measurements when the snow is drifted), will be entered in the column headed " On ground at ____ p. m.," page 8.

117. All unmelted snowfall will be recorded to inches and tenths, except as indicated in paragraph 115.

118. Enter under "Amount of precipitation from melted snow (midnight to midnight)" on page 8 the amount of precipitation from melted snow (estimated if unknown). When it is estimated, a marginal note should be entered stating the fact.

119. Care should be taken in determining the character of precipitation when in the form of sleet or hail. Only the precipitation that occurs in the form of frozen or partly frozen rain should be called sleet. Hail is formed by accretions consisting of concentric layers of ice, or of alternate layers of ice and snow. It frequently happens that snow falls in the form of small, round pellets, which are opaque, having the same appearance as snow when packed. This should never be recorded as sleet.

Hail and sleet will not be entered in the columns for unmelted snow.

WEATHER.

120. The state of the weather will be determined and recorded with reference to the degree of cloudiness, and whether or not precipitation is falling or likely to fall soon; thus when the sky is three-tenths or less covered with clouds, record "Clear"; four to seven tenths, inclusive, "Partly cloudy"; eight to ten tenths, " Cloudy "; and " Misting," " Sprinkling," " Light rain," " Heavy rain," " Light snow," " Heavy snow," " Sleeting," " Hailing," " Threatening," and " Clearing " when these conditions exist (see paragraphs 97, 98, and 105). When two or more kinds of precipitation are occurring at the time of observation all will be entered under the " State of weather." When light fog, light haze, or light smoke is observed with no clouds, the state of weather will be recorded as " Clear."

121. When a thunderstorm is prevailing at the moment of observation, or the rain is still falling, although neither thunder has been heard nor lightning seen for one hour previous to the observation, the international symbol for thunderstorm will be entered after " State of weather."

FOOTINGS AND SUMMARY.

122*a*. No data required.

b. Underscore in red ink maximum and minimum of the column.

c. Enter most frequent kind or direction, and when two or more directions or kinds are observed an equal number of times, all will be entered. Calm will not be considered in determining the most frequent direction.

Haze, fog, and smoke will always be considered in determining the most frequent kind of clouds; and the direction of fog and smoke will be

considered in determining the prevailing direction of clouds, but the amount of fog or smoke will not be considered in the sums or averages.

f. On page 3, under "Fog," "Light," or "Dense," enter the time of beginning and ending on days when these conditions are observed at station, midnight to midnight, standard of time in local use. Enter on page 9 the dates of all days on which fog is observed. A dense fog is one that is dense enough to obscure objects at a distance of *one thousand feet.*

g. The monthly means of "Station pressure," "Reduced pressure," "Dew-point," "Humidity," "Vapor pressure," and "Temperature" (a. m. + p. m. ÷ 2) will be obtained by adding the monthly means of the a. m. and p. m. observtions and dividing the sums by 2. The "Monthly mean temperature" will be obtained by dividing the sum of the mean maximum and minimum temperatures by 2. The sea-level, 3,500-foot, and 10,000-foot temperatures will be obtained by applying the corrections in the table to the monthly temperature. The 3,500-foot and 10,000-foot pressures will be obtained by using the monthly temperature as the temperature argument and the corrected monthly station pressure as the pressure argument.

h. In determining the highest and lowest pressure, all regular and special observations entered in the form will be considered. When the highest or lowest reduced pressure occurs on more than one date, carry the reduction to thousandths to determine the actual date.

i. The highest and lowest temperatures and the greatest and least daily ranges will be taken from page 8, but the dates on which they actually occurred (tenths considered) will be determined from pages 2 and 3. At stations supplied with thermographs, when the monthly maximum or minimum temperature is recorded the same on two or more dates on pages 2 and 3, the date of the highest or lowest temperature for the month will be determined by the thermograph trace, using the date on which the highest or lowest point is reached by the thermograph pen. When the greatest or least daily range of temperature occurs on two or more dates, as shown on pages 2 and 3, the date will be determined by referring to the thermograph trace.

j. The number of days with the maximum temperature 90° or above, 32° or below, and minimum temperature 32° or below, and zero or below will be determined from the maximum and minimum thermometer readings as recorded to tenths. When the maximum or minimum temperature is taken from the thermograph it will be considered as whole degrees.

k. When on more than one date, both dates will be given.

l. (1) Precipitation will be considered excessive when it equals or exceeds 2.50 inches in twenty-four consecutive hours, or 1 inch in one hour. See also paragraph 205.

(2) In determining the duration of excessive precipitation of 2.50 inches in twenty-four hours at stations equipped with recording rain gages, the period of duration will begin with the first closing of the circuit and end with the last closing for each shower. All intervals between showers will be excluded. At stations not equipped with recording gages the period of duration will be the time precipitation actually occurred. The period may be extended beyond twenty-four hours as long as the rate of 2.50 inches in twenty-four hours continues.

(3) When the above data are compiled for publication the following footnote will be made: "The duration is the time precipitation was actually recorded."

(4) Excessive precipitation at the rate of 1 inch an hour will not be entered on Form No. 1001.—Met'l., unless 1 inch falls within one hour. If 1 inch is recorded in less than one hour that amount only will be taken, unless the rate of fall continues excessive (at the rate of 1 inch an hour or eight and one-third hundredths inch in five minutes), in which event the entire amount of precipitation at the excessive rate and the entire time at which the rate was excessive will be entered.

(5) After 1 inch has been recorded within one hour, if the rate ceases to be excessive for a short time and again becomes excessive, whether or not it extends beyond one hour, both amounts will be included, provided the amount for the last excessive period is sufficient to make it and the nonexcessive interval, taken together, excessive.

(6) At the beginning or ending of excessive precipitation of 1 inch an hour no amount at less than that rate will be included unless required to make a total of 1 inch in an hour.

m. In compiling the maximum precipitation in twenty-four hours and excessive precipitation data, the division of the months will be disregarded. The same data will not be included in the compilations for two months. When the record for the 1st of a month has been included in that for the preceding month, a note to that effect will be entered on page 9.

n. A day with snow is one on which a trace or more of melted snow fell, midnight to midnight. A day with hail is one on which a trace or more of hail fell.

o. To be taken from the sum of column headed "Snowfall, unmelted, ---- p. m. to ---- p. m.," page 8.

p. To be determined from page 6 at stations that prepare said page and from the "Number of times observed from," as recorded in the summary, at stations that do not prepare said page. If two or more directions are recorded an equal number of times, consider the adjacent directions in determining the prevailing direction for the month. Only one direction will be entered. When calm exceeds the prevailing direction, it will be entered immediately above the latter.

r. Enter but one maximum wind velocity, direction, and date.

t. The "Monthly mean cloudiness" will be the mean of the column "Average daily cloudiness," on page 4.

u. To include only days on which 0.01 inch or more of rain, melted snow, sleet, or hail fell.

v. A day with thunderstorm is one on which thunder is distinctly heard at the station, whether or not lightning is seen or rain falls at the station. (See par. 106.)

w. Stations having a recording rain gage will enter the maximum fall in five and ten minutes, etc., for the month, together with the date of occurrence.

RULE FOR DISPOSING OF DECIMALS.

123. In dropping decimals, if the figure to be dropped is greater than 5 (or 5 with a remainder) the preceding figure will be increased by 1. If the decimal figure be dropped is 5 exactly, the preceding figure when odd will be increased by 1, and when even it will remain unchanged. If the figure to be dropped is less than 5, retain the preceding figure unchanged.

124. In computing the monthly means of barometer and vapor pressure the division will be carried to four decimal places, and the fourth decimal dropped in accordance with the preceding rule. In computing all means

(except for barometer and vapor pressure) carry the division to two decimal places only, and dispose of the last decimal figure according to the preceding rule.

FROSTS.

125. The date of occurrence of each frost will be recorded throughout the year in California and Florida and along the immediate coast of the Gulf of Mexico.

126. In the spring the date of occurrence of each frost will be recorded within and to the southward of the different zones on and after the dates set opposite the several lines upon the chart at the end of this circular.

127. All frosts occurring at any station between May 1 and August 31 will be recorded.

128. During the autumn and winter frosts will not be recorded subsequent to the date on which the first killing frost occurs, except as specified in paragraph 125.

129. Frosts will be designated as "light," "heavy," or "killing." The term "light" signifies no destructive effect except to tender plants and vines; "heavy," a copious deposit of frost, but which does not kill the staple products of the locality, and "killing," frost that is destructive to vegetation and staple products.

130. The character of frost, whether light, heavy, or killing, must sometimes be determined by the phenomenon itself, rather than by its effect on vegetation and the staple crops, since the latter may have passed the stage where injury was possible.

MONTHLY METEOROLOGICAL NOTES.

131. Pages 11 and 12 will contain an account of important atmospheric phenomena, not easily susceptible of tabulation, occurring at or in the vicinity of the station. Events will be described after the manner of a narrative, covering the entire period of occurrence, whether consisting of a fraction of a day or of a number of days.

132. An annual index will be prepared on the printed form provided for that purpose and will be submitted with the December Form No. 1001. Subjects will be indexed by month and date.

133. The meteorological notes will be written with a typewriter and the writing should be single spaced. Both sides of the sheet will be used, and, if necessary, an additional sheet will be inserted. A press copy will not be made.

134. In the reporting of meteorological phenomena too much care can not be exercised to make the account explicit and to state accurately the time of occurrence. Very often the omission of a single detail detracts materially from the value of the report.

135. In describing weather conditions and phenomena it is preferred that clock time be employed. Midnight will be understood to refer to the end of the day and will receive the date thereof. Twelve o'clock midnight and twelve o'clock noon will be written thus, respectively: 12 midnight; 12 noon. Night will be referred to thus: "Night of the 3d–4th," and will cover the time from dark to daylight.

136. At stations on the lakes and navigable rivers the opening and closing of navigation, together with the name of the first vessel to arrive and the last to depart, should be recorded.

137. Noteworthy facts in regard to frosts will be recorded in accordance with paragraphs 125–130.

138. Especial care should be taken to note the *dates* of the occurrence of the first and last frost of each character in *the annual index of the Monthly Meteorological Notes.* If the dates of the first and last killing frost can not be determined the first day with the minimum temperature of 32°, or lower, in the autumn, and the last day with 32°, or lower, in the spring, *when precipitation did not occur* while the temperature of 32°, or lower, obtained, will be recorded, with an explanatory note as to the probable cause of the absence of frost on those dates.

139*a*. A tornado is a violent local storm, in connection with which is usually noted a well-defined, pendant, funnel-shaped cloud, with attendant rotary winds, often of sufficient violence to prostrate buildings and uproot trees, and leaving unmistakable evidence of rotary winds.

b. Whenever a tornado occurs in the vicinity of a station the official in charge will make diligent effort to obtain an accurate description of all meteorological elements accompanying the tornado. In gathering and preparing the data relative to a tornado, information on the following points is desirable:

c. The path of the tornado, with the location of buildings destroyed and the distribution of the débris on either side of the storm track. This should be shown by a map.

d. The name of the place and the date and hour of occurrence. If the tornado passed near a town the distance, and direction from, should be noted.

e. The appearance of the cloud; glow and funnel-shape; the color of cloud; the meeting of clouds; lightning, and whether seen to issue from the funnel cloud.

f. Character and amount of precipitation, including hail; size of hail.

g. Nature of attendant noises.

h. Direction of motion of storm.

i. Presence of a whirl, either as seen in a cloud or as evidenced by the distribution of the débris.

j. General direction in which trees or débris lay in the center line of greatest destruction, and on either side of this line.

k. Length of path and width at point of greatest destruction.

l. Number and names of persons killed.

140. Various optical phenomena are constantly occurring in the atmosphere, and while they have no very important bearing upon the weather it is desirable to note their occurrence. Among these phenomena may be mentioned auroras; halos, solar and lunar; rainbows; coronas; parhelia; paraselenæ, and mirages.

141. Auroral displays should be described, giving in all cases where practicable the time of beginning and ending and the altitude and azimuth of each extremity and of the crown of any arch of light that may be formed. Azimuths should be recorded as in astronomy, from the south point to the westward, passing successively through west, north, and east points of the compass until the starting point is reached.

142. In counting the number of auroral displays, those occurring on parts of two successive days will be counted as single displays, but in counting the dates of auroras, when they extend past 12 midnight, both dates will be counted.

143. Whenever a meteor is seen the " illumination " left by it should be carefully noted, both as to its appearance and the direction in which it apparently floats.

FORM No. 1002.

144. This form will be made out in duplicate at the end of the year on the current edition.

145. If the elevation of the anemometer, thermometer, or rain gage has been changed, that on December 31 must be given. The dates of changes and old elevations must be carefully recorded on the margin.

146. The sum of corrections and all changes in the same must be carefully noted under " Sum of barometer corrections," page 1, and the date and observation upon which it was first used.

147. When one or more observations have been missed, connect all data for less than a full month with a footnote, stating the length of time of the record.

148. The monthly mean pressure, dew-point, relative humidity, absolute range of pressure, and all other data, except as hereinafter provided for, will be taken from the summary of Form No. 1001 or the Climatological Record. The decimal in the case of the dew-point and relative humidity will be disposed of according to rule.

149. In the space for date of highest and lowest pressure and temperature for the year enter the month and day thereof, as " July 6." The mean daily range and mean daily change of temperature will be taken from the columns similarly headed on page 8, Form No. 1001.

150. The data to be entered in the columns headed " Total " and " Possible " will be taken from the sum of the columns similarly headed on page 4, Form No. 1001. The " Percentage " will be taken from the monthly percentage of " Total." Stations not supplied with a sunshine recorder will leave these columns blank.

151. The prevailing wind direction for the year (at foot of column headed " Prevailing direction ") will be determined from the sums of " Number of times observed blowing from the N., NE.," etc.

152. The mean hourly temperature and wind velocity will be taken from the mean values at the foot of pages 5 and 7, respectively, and the data for entry in columns headed " For the month," from the average hourly temperature and wind velocity, respectively. Data for less than one-half of a month will not be recorded, and in case the data for one or more months are missing the sums and means for the year will be omitted. All means will be obtained by dividing the sums of the respective columns by 12, and each mean will be recorded to the same number of decimal place as the data from which it is obtained are recorded.

FORM No. 1003.

153. The data to be entered on Form No. 1003 will be an exact copy of those in columns similarly headed on Form No. 1002. One copy will be forwarded to the Central Office with Form No. 1002. A retained copy need not be kept.

FORM No. 1014—DAILY LOCAL RECORD.

154. Time.—All entries will be on the standard of time in local use; this will be local mean time at the few places where such is in current use.

155. Enter against the heading " Temperature at the end of hour " the corrected thermograph readings, except whenever eye readings of the dry thermometer at exact hours are available they will be entered. The maximum and the minimum thermometer readings and the mean daily and normal temperatures will be entered on the right-hand side of the sheet, and these entries will correspond to those entered on page 8, Form No. 1001.

156. Under " State of weather " enter the nature of the precipitation, whether rain, hail, sleet, or snow, with the time of beginnings and endings. The character of precipitation may be indicated by a single letter; thus, for rain beginning at 9.15 a. m. the entry would be " R. B. 9.15 " in the column headed 9–10. The ending should be indicated in a similar manner in the proper hour column.

157. On the right-hand margin of the form, opposite the heading " Nature of precipitation," etc., the total depth of snowfall for the twenty-four hours ending at 8 p. m., 75th meridian time, will be entered.

158. The blank space on the form for the time will be filled up by entering the standard time in local use corresponding to 8 p. m., 75th meridian time. In the same manner the amount of snow on the ground at 8 p. m., 75th meridian time, will be entered.

159. In the spaces against the heading "Amount of precipitation " will be given the hourly amounts, when obtainable by self-register. Stations not supplied with self-registers will leave the spaces blank. On the right-hand margin space is provided for the entry of the total precipitation as measured at the 8 a. m. and 8 p. m. observations, 75th meridian time, except that the time will be given in the local standard in use at the station instead of 75th meridian.

160. The total precipitation, midnight to midnight, will also be entered in the space provided for it. At stations not provided with self-registers the amount will be estimated and a note to that effect will be made.

161. In the spaces headed " Cloudiness and other conditions " the state of the weather will be indicated by the words " Clear," " Partly cloudy," " Cloudy," " Fog," etc., and the time that these conditions prevailed will be indicated by means of arrows and lines drawn through the hour spaces on both sides of the word and ending at the time when the conditions began and terminated. Moonlight should be observed and a symbol entered to indicate the phase of the moon on the date for the maximum of each phase. If the moon is obscured at intervals, either totally or partially, these facts should be noted. The " character of the day " will be entered in the space provided for it.

162. The space headed " Sunshine " is intended to replace the entries which were formerly made on Form No. 1070, and the instructions which apply to page 4, Form No. 1001, will be followed in entering the data on this form.

163. In like manner the spaces for " Wind direction " and " Wind movement " will be prepared precisely as the similar columns on pages 6 and 7, Form No. 1001. The third space under wind, " Maximum velocities exceeding _____ miles," will contain a statement of the maximum hourly velocity and direction, together with the time the maximum occurred, as taken from Form No. 1017 or No. 1015 whenever the wind exceeds a certain limit. This limit will be fixed by officials in charge of stations. In general, maximum velocities below 25 miles will not be entered unless there is a demand for them at the station. Officials in charge will aim to enter only

those maximum velocities which may be of importance to the public interests at the station.

164. Space has been provided for use in entering excessive precipitation data. Against the right-hand margin of this space relative humidity, reduced barometer, and river readings should be entered.

165. Copies of the barograph and thermograph trace will be made on the diagrams at the foot of the page.

166. The space provided for notes will be used whenever the instrumental readings do not clearly express the weather conditions of the day. Under this head a description should be given of all severe storms, cold waves, frosts, or any abnormal condition that may prevail, together with the time of receipt and the time of hoisting and lowering of warnings of all kinds. The Daily Local Record should contain a complete history of the weather of the day and be carefully verified. It will be retained at the station, and a copy will not be furnished to the Central Office. It should be made in record ink.

167. All special features will be indexed.

FORMS No. 1015, No. 1017, No. 1028.

175. Enter in the lower right-hand corner of each sheet the meridian of time on which the record is made; as 75th meridian time, 90th meridian time.

176. Incomplete Records.—Observers will examine the registers each morning immediately upon arriving at the office to see whether or not they are working properly. If the anemometer is out of order a dial reading will be made at once and entered on the sheet, together with the time at which it was made.

177. Dial readings will also be made at each regular observation and at each noon during the incomplete record and when the record is started, and entered on Form No. 1015 or No. 1017. The data will be interpolated when the loss of record is less than twenty-four hours. Short breaks in the record when the self-register fails to work may be estimated when the observer believes he can approximate what the record would have been. In all such cases an explanatory note will be entered on all forms where the data are used.

178. In case of loss of record for a period of twenty-four hours or more, blank sheets for the period containing the name of the station, dates, and such data as can be obtained will be prepared and forwarded with the regular monthly package.

179. Whenever the instrument has not been running on correct time a note should be made to indicate the true time of the record.

180. The total movement of the wind for each six hours and for the day will be entered on the left-hand margin in the proper spaces.

181. Current Velocity, How Obtained from Register.—To obtain the current velocity from the anemometer record, take the number of spaces and parts of spaces between the mile marks recorded in the five minutes preceding the moment considered and multiply the result by 12, except when the wind has blown at the rate of less than 12 miles an hour, when the velocity will be determined as shown by the second example below.

First example: Suppose the number of spaces indicating mile marks between 7.55 p. m. and 8 p. m., 75th meridian time, was $1\frac{1}{4}$, then the velocity of the wind to be recorded at the p. m. observation is $1\frac{1}{4}\times12=15$ miles per hour.

Second example: If the interval between the last two mile marks is seven minutes, then the current hourly velocity will be obtained by dividing 60 by $7=8\frac{4}{7}$ miles, recorded as 9 miles.

182. Maximum Velocity, How Obtained from Register.—The maximum velocity of wind will be obtained by considering the number of spaces and fractions thereof between the mile marks in the five minutes where the velocity is the greatest and multiplying the result by 12; the product will be the maximum velocity.

If the shortest space between two mile marks in the period covers more than five minutes of time, then the elapsed time for said space will be the basis of the calculation. Example: If the shortest space between two mile marks is thirteen minutes, then the maximum velocity is $60\div13=4.6$ miles per hour, which will be recorded on Form No. 1001 as 5 miles.

183. The extreme velocity each day (from midnight to midnight) will be ascertained with reference to the mile of wind recorded in the shortest time, thus: Find the two marks nearest each other on the anemometer sheet, calculate accurately the amount of time between these two marks (from beginning to beginning or from ending to ending), divide 60 by this amount, and the quotient will be the extreme velocity. Example: The space of time between two marks nearest each other is two minutes; $60\div2=30$, therefore 30 miles is the extreme velocity for the day.

When the maximum velocity is 12 miles per hour, or less, the extreme daily velocity for the same period of time should be the same; if more than 12 miles, the extreme velocity can be greater.

184. For convenience and accuracy in determining the velocity of the wind a scale has been prepared and furnished to each station with which the velocities may be read direct from Form No. 1017—Met'l without computation. This scale consists of a series of subdivisions equal in length to the intervals between the mile marks on the record sheet for all velocities from 5 to 39, and for every even mile from 40 to 78 miles per hour. To determine the velocity, find the portion of the scale where the subdivisions correspond to the mile marks on the sheet. If the mile marks correspond with the smallest subdivisions, the velocity is shown by the first row of figures on the scale. If the mile marks correspond to 2, 4, or 8 of the subdivisions, the velocity is shown by the second, third, or fourth row of figures. When measuring maximum or current velocities for which a whole number of miles is not recorded in five minutes, it will be necessary to estimate the proportional part of a mile required to complete the five-minute period.

185. Maximum Velocities Entered on Wind Sheets.—The maximum wind velocity (for any five minutes) for the day, midnight to midnight, standard of time in local use, and the maximum velocity, when entered on pages 2 and 3, Form No. 1001—Met'l, will be entered in ink on Forms No. 1015 and No. 1017—Met'l immediately above the record as shown by the self-register. Care will be taken not to obliterate any record, and the word maximum will be abbreviated thus: Max. 25.

186. Current Wind Velocity, How Obtained from Dial.—Make two readings of the outer dial with an interval of five minutes between them. The difference between these readings will be the distance, in miles and tenths, traveled by the wind in that interval. This, multiplied by 12, will give the indicated velocity in miles per hour. Example: Suppose the index of the

anemometer to be at 3.4 on the outer dial when the first reading is taken and at 4.1 five minutes after, the difference, 0.7 mile, is the distance traveled in that time; and this, multiplied by 12, gives a velocity of 8.4 miles per hour.

187. The total movement by register for any period will be obtained by counting the number of marks in the period.

188. Wind Movement from 12 Noon to 12 Noon by Dial, How to Obtain.—Subtract the reading of the anemometer dial at 12 noon of the preceding day from the reading taken at 12 noon of the current day; the difference will be the total movement. When the reading of the anemometer is less than the reading of the preceding day, 990 miles will be added to it, and the remainder, after subtracting the reading of the preceding day, will be the total movement. Example: The dial reading of to-day is 91, and that of yesterday was 950, hence we have $91 + 990 = 1081$; $1081 - 950 = 131$, the total movement of the wind in miles from noon to noon.

189. Velocity of Wind, Estimated.—Whenever instruments are not available for directly measuring the wind velocity it will be estimated by reference to the following scale:

Name.	Miles per hour.
Calm	0 to 5.
Light	6 to 15.
Moderate	16 to 25.
Brisk	26 to 35.
High	36 to 50.
Gale	51 to 65.
Hurricane	66 or more.

190. Dial Readings.—The reading of the anemometer dial made at 12 noon on the first day of each month and at 12 noon each Monday during the month will be recorded on the sheet just taken from the register. Only actual dial readings will be recorded.

191. The accuracy of the anemometer record for each month may be verified at the end of the month as follows: Ascertain the total wind movement by register from 12 noon of the first day of the month in question to 12 noon of the first day of the succeeding month; add to this the dial reading of the first day of the month being verified and divide the sum by 990; the remainder should equal the dial reading on the first day of the succeeding month.

Example.

Total movement, 12 midnight to 12 midnight	3,283
Less twelve hours preceding 12 noon of the first day of month	70
	3,213
12 midnight to 12 noon of first of succeeding month	22
Dial reading on first day of month	303
	990)3,538(3
	2,970
Dial reading on first day of succeeding month	568

192. Anemometers Changed.—When the anemometer is changed a note will be made on the lower margin of the anemometer record sheet, giving the date and the hour of the change and the dial reading of both old and new instruments. If changed at 12 noon both readings will be recorded on the sheet just taken from the register.

193. When an electric sunshine record is made the character of sunrise and sunset will be written, at the proper hours, on Form No. 1017.

194. When both sunshine and rain are recorded on the same sheet, the portion representing rain will be clearly marked by brackets and such footnotes added as may be necessary to completely identify the records in case there is likely to be uncertainty.

195. Precipitation.—Whenever a station is equipped with a recording rain gage, that gage will be regarded as the station gage, and the measurements of the amounts of precipitation it collects will be the official measurements of the precipitation at the station.

196. Beginning and Ending of Precipitation.—The time of beginning and ending of precipitation will be recorded on the automatic record sheets (Forms No. 1017 and No. 1028) by direct and reverse check marks, thus (✓) (⟍), accompanied by the letters B and E, respectively, said check marks being placed at the points corresponding in time on the sheet to the observed time of beginning or ending of precipitation, standard of time in local use. Whenever the time of beginning or ending is doubtful the entry will be accompanied by a query mark (?). Any information that will aid in determining the hourly amounts and rates of rainfall, when imperfectly recorded, should be given.

197. The characters B. D. N. or E. D. N. will be used to denote the beginning and ending of precipitation during the night, when the time is not known.

198. Whenever it becomes necessary to remove the recording gage to prevent injury from freezing (see paragraph 26, Circular E, Instrument Division), a note will be entered on page 9, Form No. 1001, giving the dates it was removed and again exposed. Stick measurements of the amount of precipitation collected in the snow gage will be made as instructed in paragraphs 109 and 110.

199. The precipitation collected in the tipping-bucket gage will be drawn off at each regular observation, the contents measured by stick in the measuring tube, and the amount recorded on Forms No. 1001 and No. 1017.

200. When the amounts by register and stick measurements at an observation differ by 10 per cent or more, a brief explanation of the probable cause of the discrepancy should be noted on the form upon which the disagreement appears.

201. At stations using the weighing gage the amount of precipitation at the regular a. m. and p. m. observations will, in general, be determined from the record sheet; but, in case of failure of the instrument to properly record, the amount of precipitation will be found by adjusting the sliding weight on the gage until equilibrium is established. The amount of precipitation is then shown by the scale reading, which will be taken to the nearest hundredth only. If a satisfactory scale reading can not be made for any reason the contents of the gage will be emptied into and measured in the tube of the standard 8-inch gage. The recording gage should then be set in operation as soon as practicable.

202. Whenever the gage is emptied at any hour other than noon, the time and the amount of precipitation in it will be entered at the foot of the form. When the sheet is removed the actual amount of precipitation will be entered in the space at the foot of the form, and the trace lines for each twelve hours will be dated at the beginning and ending of the line.

203. The hourly amounts of precipitation will be entered in red ink, near the middle of the hour period, on Form No. 1017 or No. 1028, whichever is used for obtaining the instrumental record; for example, the amount during the hour from 1 to 2 p. m., will be entered near the 1.30 p. m. line on the sheet. In case of precipitation only partly recorded the hourly amounts for the period during which the record was defective will be estimated, if sufficient data are available; otherwise they will be omitted.

204. The totals of the hourly precipitation must in every case equal the total precipitation by stick measurement.

205. In tabulating excessive precipitation data from Forms No. 1017 and No. 1028 for storms in which the rate of fall equals or exceeds the limits shown in the following table, the accumulated amounts for each successive interval of five, ten, fifteen minutes, etc., during which the precipitation continues at an excessive rate will be entered in the table provided for that purpose in the summary, Form No. 1001. Under head "Total duration" will be entered the beginning and ending of precipitation; under "Excessive rate" will be entered the time precipitation began to fall at an excessive rate, which will not be less than 0.05 inch in five minutes irrespective of the printed lines on the form, and the time the precipitation fell below that rate. This, however, must not be construed to mean that short periods during the progress of a storm where the rate falls temporarily below this limit shall be excluded. When the rate falls below the lowest limit, 0.05 inch in five minutes, for a period of thirty minutes or more the succeeding excessive precipitation will be tabulated separately. Under the heading "Accumulated depths of precipitation," etc., will be entered the accumulated amounts for the respective periods, all periods beginning at the same point of time, which should be identical with that given under "Excessive rate, began—." The tabulation will be continued so long as the excessive rate, as indicated above, continues. When the excessive rate extends beyond one hundred and twenty minutes the tabulation will be made for each fifty minutes separately, so long as the excessive rate continues.

Example.

Excessive rate.		Amount before excessive began.	Depths of precipitation (in inches) during periods of time indicated.									
Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.
7.01 a. m.	7.51 a. m.	2.66	0.08	0.25	0.38	0.52	0.77	0.88	0.92	1.28	1.42	1.80
7.51 a. m.	8.41 a. m.	-------	2.05	2.24	2.42	2.61	2.82	2.86	2.91	2.94	3.10	3.30
8.41 a. m.	9.31 a. m.	-------	3.53	3.61	3.78	3.92	4.19	4.29	4.35	4.45	4.64	4.70

Table showing limits at which precipitation may be considered as excessive.

Duration in minutes.	Depth of precipitation in inches.	Duration in minutes.	Depth of precipitation in inches.
5	0.25	35	0.55
10	0.30	40	0.60
15	0.35	45	0.65
20	0.40	50	0.70
25	0.45	60	0.80
30	0.50		

206. Storms in which the amount of fall does not equal that given above for any of the periods of time will not be tabulated.

207. In the case of the records from the tipping-bucket gage it must be remembered that in addition to accidental errors due to defective action of the recording mechanisms, there will also frequently be found a discrepancy between the recorded and measured amounts, which is apt to increase with the rate of rainfall, and varies slightly with different gages, and even with the same gage under different circumstances, as regards cleanliness, moisture, etc. The observer must, therefore, apportion the corrections with reference to different rates of rainfall, remembering that hours of heavy rainfall should receive greater corrections than hours in which the rainfall is at a slower rate.

208. In general the method of apportionment illustrated in the following examples will be employed in correcting the automatic records for discrepancies referred to above.

209. Example 1.—The recorded amount of precipitation is 1.14 and the amount by stick measurement 1.23, showing a deficiency in the recorded amount of 0.09. This amount must be added to the record; that is, at the rate of 1 tip for each 12 tips recorded (1.14÷0.09=12; dropping all fractions). Therefore, in each group of 12 recorded tips one extra tip will be added, and the record thus corrected will equal the stick measurement.

210. Example 2.—The recorded amount is 0.86 and the measured amount 0.80, showing an excess in the recorded amount of 0.06. One tip must, therefore, be stricken out in each group of 14 recorded tips (0.86÷0.06=14).

211. In performing the divisions indicated in these examples the observers will always drop all fractions.

212. In many cases the exact point at which a tip is added or stricken out is not of great importance, but, in general, these corrections should be made at those portions of the record showing a noticeably rapid rate.

213. The points at which tips are stricken out in accordance with the foregoing instructions will be indicated on the record sheet by a small cross mark (×) in red ink, and the points where tips are added by a caret (√) immediately underneath the point; such marks will not be used for any other purpose on the rain-gage record sheets.

214. Stick Measurements.—At noon, after each precipitation, the water in the weighing gage will be carefully poured into and measured in the measuring tube of the extra gage. If the gage is recording properly, and

upon inspection or test is found to be properly balanced, no stick measurements will be made at the time of taking the observation, but the amount of precipitation will be read off from the scale on the gage in accordance with the instructions given in paragraph 59 of Circular E, Instrument Division, and recorded on Form No. 1001. If the gage is not recording properly the amount at each observation will be ascertained by stick measurement, and these values entered on Forms No. 1028 and No. 1001 at each regular observation. Since this gage is generally not emptied at the time of taking an observation, it will rarely occur that the scale reading of the gage will directly give the twelve-hour rainfall called for on Form No. 1001. At the a. m. observation it will be necessary to deduct the scale reading at the last p. m. observation, and at the p. m. observation it will frequently be necessary to add to the scale reading a quantity representing the amount of precipitation that fell between the a. m. observation and the time the gage was emptied at midday. Observers are cautioned against errors in making these entries on Form No. 1001.

RECORDS FROM BAROGRAPHS AND THERMOGRAPHS.

215. Sheets.—Barograph and thermograph sheets will each be clearly marked on the face of the sheet with the name of the station, time on which the records are made (as 75th meridian, 90th meridian, local mean time, etc.), and date; each day's record being dated as near the noon line for that day as practicable.

216. Clocks.—Every effort should be made to properly regulate the clocks to correctly keep time, winding them once a week, or oftener if necessary. The instruments should be inspected each day by the observer and properly adjusted by him when necessary. Whenever they are adjusted a marginal note, stating the fact, will be connected with the proper hour.

217. At the time of adjusting the barograph or thermograph pen, and when changing the record sheet, which will be at an exact hour, standard of time in local use, a reading of the station barometer (or dry thermometer) will be made and entered on the trace sheet. The corrections necessary to reduce the register to the standard at the time of changing the sheet and adjusting the pen, and for all regular and special observations, will be entered on the trace sheets in red ink. When the pen is set higher or lower there will be two corrections, one to apply to the preceding record and one to the following record. The correction to be used for other hours will be determined from the correction card by use of a pin or pins, as explained in paragraphs 223 and 224.

When the pressure or temperature at any particular station is such that the record might pass off the edge of the sheet or not be at all included in the rulings, observers will change the numbering of the lines by some convenient whole number and adjust the pen of the instrument accordingly.

218. Thermograph Time Error.—At the time of taking the a. m. observation the observer will carefully touch with a lead pencil the lever projecting from the thermograph bulb, so as to cause the pen to make a short vertical mark on the sheet. A note will be made on the first sheet for each month stating the time at which the pen is regularly touched. If it is touched more than five minutes from the regular time a note will be entered stating the exact time the mark was made.

219. Barograph Time Error.—If the barograph pen is not touched within five minutes of 12 noon a note will be entered giving the exact time the mark was made.

220. When the instrument is not running on correct time, this will be considered in taking off the data, so that it will be in true standard of time in local use.

221. Correction Card, How Used.—Ascertain the difference between the thermograph reading and the dry bulb thermometer reading at any regular observation under consideration; then set the rubber band on the card in a notch at the left-hand edge corresponding to this difference. If this difference, or correction, must be added to the thermograph reading to make it agree with the dry bulb reading, then the band must be set above the middle line, or, if the difference must be subtracted, set the band below. In a similar manner set the band in a notch at the right-hand edge of the card corresponding to the difference between the thermograph reading and the dry bulb thermometer reading at the next regular observation. The hours on the correction card should be renumbered to agree with the meridian of time in use.

222. The thermograph correction at any hour between the regular observation is the distance above or below the middle line of the point at which the band crosses that particular hour line.

Example.

Difference at first 8 o'clock observation: +2 (band above middle line).
Difference at next 8 o'clock observation: —3 (band below middle line).

Hourly correction taken to the nearest unit.

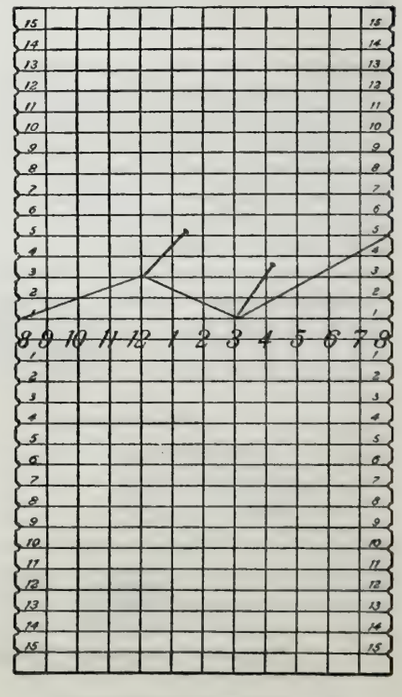
9	10	11	12	1	2	3	4	5	6	7
+2	+1	+1	0	0	0	—1	—1	—2	—2	—3

This card also will be used in a similar manner for correcting barograph readings.

223. Eye readings of the thermometer and barometer at exact hours, as provided for in paragraph 217, should be used to check and correct the corresponding recording instruments. If the correction at 12 o'clock, for example, was +3, and at 3 o'clock +1, then if pins be stuck in the card at these points the rubber band may be deflected in the manner shown in the figure, and a complete series of corrections for the twelve-hour period from 8 a. m. to 8 p. m., 75th meridian time, determined.

224. The readings of the maximum and minimum thermometers at 8 a. m. and 8 p. m., 75th meridian time, should also be used in connection with the 8 a. m. and 8 p. m., 75th meridian time, and all other readings of the dry thermometer, in order to determine the corrections to be applied to the thermograph trace throughout the twenty-four hours.

225. These corrections will also be entered on the trace sheet, and



Thermograph correction card.

will not be accompanied by explanatory phrases such as " correction at time of max.," " correction at time of min.," " correction at 8 a. m.," etc., as these unnecessary entries confuse the record.

226. The corrections thus determined should also be entered in red ink on page 5, Form No. 1001, at the time the dry thermometer was read, or at the hour nearest the time of occurrence of the extremes, as shown by the trace sheet, giving the preference to the previous hour whenever there is uncertainty as to which hour is nearest the time of maximum or minimum, as the case may be.

227. When the maximum or minimum temperature occurs exactly at 8 a. m. or 8 p. m., 75th meridian time, the thermograph correction for that hour will be determined from the reading of the dry thermometer only.

FORM No. 1030.

228. The mean temperature for the month will be obtained by dividing the sum of the mean maximum and mean minimum by 2 and will be entered at the foot of the column headed " Mean."

229. The pressure and precipitation will be recorded to hundredths; temperature to nearest whole degree, except in case of the monthly means at the foot of the first three columns, normal for this month, and the average daily excess or deficiency, which will be carried to tenths. The accumulated excess or deficiency since January 1 will be the same as that recorded on page 8, Form No. 1001.

230. The average daily excess or deficiency since January 1 will be obtained by dividing the accumulated amount on the date desired by the number of days since January 1, viz, if the accumulated excess on February 28 is 51, divide it by 59, the number of days since January 1, which gives +0.9 for the average daily excess.

231. When four copies or less are issued the form may be prepared by using carbon paper and a hard lead pencil. A copy will be furnished each of the local papers and to such persons as are authorized; one copy will also be forwarded to the Central Office on the first day of the succeeding month.

232. When used for the Pacific Coast the average and excess or deficiency of precipitation will be computed from September 1.

233. A blank column has been provided for sunshine, snowfall, or such other data as may be desired.

FORM No. 1083.

234. Form No. 1083 will be carried when taking an observation and the data entered immediately thereon.

Form No. 1001—Met'l. (1913 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of January, 1913

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

† Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date No; amount of change in height of barometer, ____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911 7.00 a.m.; station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Cor Berry & Calhoun street, room 911-912; first observation taken in present office, 7.00 a m. May 20, 1911

* Cancel words that are not appropriate.

† To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of January, 1913

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
	In.	In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	66.0	29.266	-.108	29.158	30.11	29.8	27.3	23	73	.118	35.0	26.7	SW	4			0	10	St	SW	Cloudy			1
2	67.0	28.992	-.110	28.882	29.82	40.5	37.0	32	72	.180	41.4	38.1	S	10			0	10	St	S	Cloudy			2
3	63.0	28.511	-.098	28.413	29.34	24.3	22.8	19	81	.098	35.0	24.3	NW	20			T	10	Nb	NW	Lt Snow			3
4	57.0	28.862	-.083	28.779	29.73	18.6	18.0	17	91	.089	25.5	18.6	SW	12	29	W	0	10	St	SW	Cloudy			4
5	65.0	29.410	-.106	29.304	30.27	17.4	15.8	11	74	.066	20.5	14.5	NE	12			0	10	St	NE	Cloudy			5
6	64.0	29.320	-.103	29.217	30.16	36.0	35.4	35	94	.203	42.9	30.0	W	5			.22	10	St	W	Cloudy			6
7	66.0	29.339	-.108	29.231	30.18	30.3	29.8	29	95	.157	32.0	28.9	NE	12	25	NE	.14	10	Nb	NE	Lt Rain			7
8	66.0	29.264	-.108	29.156	30.12	22.4	21.4	19	86	.098	32.6	22.4	NW	12			T	10	St	NW	Cloudy			8
9	72.0	29.806	-.126	29.680	30.67	14.8	13.2	8	72	.057	18.6	14.6	SE	12			0	0	0	0	Clear			9
10	72.0	29.412	-.125	29.287	30.25	27.2	25.4	22	79	.113	27.2	23.5	S	12			0	10	St	S	Cloudy			10
11	70.0	29.126	-.118	29.008	29.96	37.8	37.8	38	100	.228	38.2	34.5	SW	6			.20	10	Nb	SW	Lt Rain			11
12	69.5	29.402	-.118	29.284	30.24	23.4	20.9	15	67	.081	34.0	23.4	NW	16			.08	10	Sto	NW	Cloudy			12
13	68.0	29.672	-.115	29.557	30.54	14.0	11.8	4	60	.047	15.6	12.1	SE	8			0	10	St	SE	Cloudy			13
14	67.0	29.794	-.112	29.682	30.65	25.4	23.9	20	75	.103	31.0	25.9	SW	9			0	10	St	SW	Cloudy			14
15	65.0	29.469	-.106	29.363	30.32	37.4	35.9	33	87	.187	37.4	30.1	S	16			T	10	Nb	SW	Lt Rain			15
16	64.0	29.336	-.103	29.233	30.17	44.0	42.2	40	87	.247	44.0	39.2	S	10			T	10	St	S	Cloudy			16
17	64.0	29.002	-.102	28.900	29.83	54.9	52.4	51	85	.373	55.7	49.8	SW	18	29	S	.14	10	St	SW	Cloudy			17
18	69.0	28.934	-.115	28.844	29.77	41.9	40.4	39	88	.237	51.2	39.8	SW	16			.40	10	St	SW	Cloudy			18
19	68.0	29.386	-.114	29.272	30.23	29.3	27.8	25	83	.130	31.8	27.9	SE	10			0	4	St	SE	Pt Cloudy			19
20	67.0	29.000	-.110	28.890	29.82	44.4	43.4	42	93	.266	54.3	44.4	NW	8			T	10	Nb	NW	Lt Rain			20
21	67.0	29.584	-.111	29.473	30.44	19.2	16.8	10	63	.063	26.5	19.2	NW	4			.02	0	0	0	Clear			21
22	66.0	29.512	-.109	29.403	30.37	21.6	18.1	8	51	.057	25.9	21.4	SW	6			0	0	0	0	Clear			22
23	68.0	28.855	-.112	28.743	29.67	40.9	40.9	41	100	.256	40.9	33.1	S	10			.35	10	Nb	S	Lt Rain			23
24	67.5	29.263	-.112	29.151	30.10	29.3	25.8	19	61	.098	37.2	29.3	N	3			0	10	St	N	Cloudy			24
25	69.0	29.186	-.116	29.070	30.02	29.4	26.9	22	72	.113	35.2	29.4	SW	10			0	2	A. St	SW	Clear			25
26	65.0	28.988	-.104	28.884	29.82	36.3	34.8	32	87	.180	41.0	35.0	SW	12			0	3	St	S	Clear			26
27	67.5	28.964	-.111	28.853	29.80	27.4	25.9	23	82	.118	43.0	27.4	NW	8			0	10	St	NW	Cloudy			27
28	69.0	29.084	-.115	28.969	29.93	20.3	18.8	15	78	.081	26.0	20.3	NE	10			.38	16	Nb	NE	Lt Snow			28
29	68.0	29.217	-.113	29.104	30.06	16.0	13.0	12	83	.070	21.2	13.6	SW	8			0	10	St	SW	Cloudy			29
30	69.0	29.088	-.115	28.973	29.92	37.4	34.4	30	74	.164	37.4	30.0	SW	10			0	0	0	0	Clear			30
31	66.0	28.920	-.107	28.813	29.75	26.3	24.3	20	75	.105	49.0	26.3	W	24	28	S	.04	10	St	W	Cloudy			31
Sums	(a)	(a)		902.581	932.06	918.4	864.3	754	2468	4.381	(a)	(a)	(a)	333	(a)	(a)	2.97	249	(a)	(a)	(a)		(a)	
Means	(a)	(a)		29.115	30.066	29.6	27.9	24.3	79.6	.141	(a)	(a)	(c) SW	10.7	(a)	(a)	(a)	8.0	(c) St	(c) SW	(a)		(a)	

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of January, 1913

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	68.0	29.175	-.113	29.065	30.01	39.5	37.0	34	80	.195	43.0	29.8	SE	12			0	0	0	0	Clear			B.A.S.	1
2	67.0	28.834	.109	28.725	29.65	35.0	34.5	34	95	.195	46.2	35.0	S	6			.04	10	St	SW	Cloudy			B.A.S.	2
3	61.0	28.384	.093	28.491	29.43	25.5	23.5	20	75	.103	26.4	24.0	W	16	30	SW	.01	8	ast	W	Cloudy			B.A.S.	3
4	65.5	29.184	.106	29.078	30.04	20.5	18.5	14	70	.077	22.7	18.6	NW	4			.04	0	0	0	Clear			B.A.S.	4
5	64.0	29.226	.102	29.124	30.08	30.0	30.0	30	100	.164	30.0	17.4	E	8			.10	10	Nb	E	Lt Rain			B.A.S.	5
6	68.0	29.476	.114	29.362	30.32	32.0	30.8	29	88	.157	36.0	31.0	NE	12			T	10	St	NE	Cloudy			B.A.S.	6
7	69.0	29.056	.115	28.941	29.89	32.0	31.5	31	95	.172	32.0	30.3	NE	4			.35	10	St	NE	Cloudy			B.A.S.	7
8	73.0	29.722	.128	29.594	30.57	18.0	15.8	9	65	.060	22.5	18.0	N	4			T	0	0	0	Clear			B.A.S.	8
9	75.0	29.574	.133	29.441	30.41	26.9	24.4	20	70	.103	30.8	14.8	SE	8			0	0	0	0	Clear			J.H.S.	9
10	75.0	29.234	.132	29.102	30.05	34.5	34.5	34	100	.195	35.5	27.2	S	12			.09	10	Nb	S	Lt Rain			B.A.S.	10
11	72.0	29.072	.123	28.949	29.90	34.0	33.5	33	95	.187	39.3	34.0	W	6			.26	10	Nb	W	Lt Rain	B 7.20a E 3.00p	B 7.20a E 7.20a	B.A.S.	11
12	73.0	29.736	.128	29.608	30.59	15.6	14.0	9	73	.060	23.4	15.6	NW	6			T	0	0	0	Clear			B.A.S.	12
13	71.0	29.614	.122	29.492	30.46	31.0	29.2	26	81	.136	33.2	14.0	E	2			0	10	St	E	Cloudy			B.A.S.	13
14	72.0	29.664	.126	29.538	30.50	31.2	28.7	24	74	.124	32.3	25.9	S	9			0	0	0	0	Clear			B.A.S.	14
15	67.0	29.388	.111	29.277	30.23	39.2	38.7	38	96	.228	39.6	37.4	SW	15	26	S	.01	10	Nb	SW	Lt Rain			B.A.S.	15
16	69.0	29.160	.116	29.044	29.98	49.8	49.3	49	96	.347	49.8	44.0	S	15			.25	10	Nb	S	Lt Rain			B.A.S.	16
17	66.0	29.094	.107	28.987	29.92	51.2	51.2	51	100	.373	55.7	51.2	SW	3	25	SW	.10	10	Nb	SW	Lt Rain			B.A.S.	17
18	68.5	29.401	.115	29.286	30.24	31.8	29.3	26	74	.136	44.1	31.8	W	6	39	SW	T	10	St	W	Cloudy			J.H.S.	18
19	67.0	29.176	.110	29.066	30.01	50.2	48.0	46	86	.310	50.2	29.3	S	20			0	10	St	S	Cloudy			[illegible]	19
20	68.0	29.230	.113	29.117	30.07	26.5	26.5	26	100	.136	44.3	26.5	W	24	26	NW	1.08	10	Nb	W	Lt Snow			B.A.S.	20
21	72.0	29.450	.125	29.325	30.28	25.9	23.8	20	74	.103	29.0	15.2	SW	9			0	0	0	0	Clear			B.A.S.	21
22	70.5	29.338	.120	29.218	30.17	34.2	32.7	30	86	.162	36.2	21.6	SE	8			0	10	St	SE	Cloudy			B.A.S.	22
23	66.5	29.138	.109	29.029	29.97	37.2	35.2	32	83	.180	43.6	36.3	SW	10			.06	10	St	SW	Cloudy			B.A.S.	23
24	72.0	29.214	.124	29.090	30.04	36.2	33.2	30	82	.164	39.8	29.3	SW	6			0	0	0	0	Clear			J.H.S.	24
25	66.5	29.018	.118	28.900	29.85	41.0	37.9	34	76	.195	41.8	29.4	SW	15			0	0	0	0	Clear			B.A.S.	25
26	65.0	28.876	.104	28.772	29.70	43.0	40.5	38	81	.228	54.1	36.3	W	11	27	SW	0	10	St	W	Cloudy			B.A.S.	26
27	71.5	29.008	.121	28.887	29.85	26.0	24.9	23	87	.118	29.8	24.8	W	8			0	10	St	W	Cloudy			B.A.S.	27
28	70.0	29.212	.118	29.094	30.05	21.2	19.7	16	78	.085	23.3	19.0	NE	10			.15	10	St	NE	Cloudy			B.A.S.	28
29	71.0	29.096	.120	28.976	29.94	30.0	27.5	23	73	.118	31.1	16.0	W	11			.02	0	0	0	Clear			B.A.S.	29
30	71.5	28.964	.121	28.843	29.76	48.2	46.0	44	85	.287	49.2	37.4	S	14			0	3	St	S	Clear			B.A.S.	30
31	65.0	29.102	.104	28.998	29.96	16.2	16.0	15	97	.081	26.3	16.2	W	20	29	SW	.01	10	Nb	W	Lt Snow			B.A.S.	31
Sums		(a)	(a)	902.419	931.92	1012.5	966.3	888	2615	5.187	(a)	(a)	(a)	314	(a)	(a)	2.57	201	(a)	(a)	(a)	1	1	(a)	(a)
Means		(a)	(a)	29.110	30.062	32.7	31.2	28.6	844	.167	(a)	(a)	(g) S-W	10.1	(a)	(a)	(a)	6.5	(c) St	(c) W	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Yukon, for the Month of Jan., 1913.

Date.	TEMPERATURE. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean. (Max. and Min.) (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	PRECIPITATION. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (Mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. * ‡‡	Snow unmelted. 7 p.m. to 7 p.m. * ‡‡	Hail, sleet, and snow on ground at 7 p.m. * ‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Wednesday 1	43	27	16	1	35																0				0	0	0	0	1
2	46	28	18	2	37																.04				0	0	0	0	2
3	28	24	4	11	26																.01				0	0.1	T	0.1	3
4	25	14	11	6	20																.04				0	0.5	0.5	.04	4
5	43	14	29	8	28																.30				0.2	T	0.6	.07	5
6	40	32	8	8	36																.02				0	0	0.4	0	6
7	32	29	3	6	30																.49				1.5	0	1.5	0	7
8	32	17	15	6	24																T				0	T	1.5	T	8
9	31	15	16	1	23																0				0	0	1.4	0	9
10	38	24	14	8	31																.26				0	0	0.6	0	10
11	39	27	12	2	33																.37				0	0	0.4	.08	11
12	27	13	14	13	20																T				0	0.8	1.2	T	12
13	33	12	21	2	22																0				0	0	1.0	0	13
14	32	26	6	7	29																0				0	0	0.6	0	14
15	43	31	12	8	37																.01				0	0	T	0	15
16	53	43	10	11	48																.39				0	0	0	0	16
17	56	43	13	2	50																1.27				0	0	0	0	17
18	43	31	12	13	37																.23				0	T	0	T	18
19	53	28	25	3	40			13.0													0				0	0	0	0	19
20	54	23	31	2	38																1.10				0	1.1	1.0	.13	20
21	29	15	14	16	22						2.										0				0	0.2	1.2		21
22	36	21	15	6	28																.02				0	0	0.4	0	22
23	44	34	10	11	39																.39				0	0	0	0	23
24	40	29	11	5	34																0				0	0	0	0	24
25	42	29	13	2	36																0				0	0	0	0	25
26	54	32	22	7	43																0				0	0	0	0	26
27	32	23	9	15	28																.08 X				0	0	0	.08 X	27
28	23	18	5	8	20																.45 X				0	7.0	7.0	.45 X	28
29	33	14	19	4	24																.02				0	0.2	7.0	.02	29
30	49	33	16	17	41																T				0	0	T	0	30
31	45	3	42	1	24																.01.05				0	0.1	0.1	.01	31
S.	1218	752	466	288	983		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	5.54		Total excess or deficiency since January 1,		1.7	10.0	(a)	(a)	(a)
M.	39.3	24.2	15.1	7.4	31.7	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

X Estimated

8—154

SUMMARY FOR THE MONTH OF January, 1913

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.005)

STATION.

Mean. 8 a. m.	Mean. 8 p. m.	Mean. Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.115	29.110	29.112	30.67	9"	29.34	3"	1.33
Corrected mean		29.107					

REDUCED.

Mean. 8 a. m.	Mean. 8 p. m.	Mean. Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
30.066	30.062	30.064	3067	9	29.34	3	1.33
Corrected mean		30.059	3,500-ft.		10,000-ft.		

TEMPERATURE.

MEAN.

Dry. 8 a. m.	Dry. 8 p. m.	Dry. (8+8)÷2 (g)	Wet. 8 a. m.	Wet. 8 p. m.	Wet. Monthly. (g)	Max.	Min.	Monthly. (g)
29.6	32.7	31.2	27.9	31.2	29.6	39.3	24.2	31.8

Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)
-	-	-

Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range. (i)	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
56	17	3	31	53	42	31	3	7"

Dew-point. 8 a. m.	Dew-point. 8 p. m.	Dew-point. Monthly. (g)	Relative Humidity. 8 a. m.	Relative Humidity. 8 p. m.	Relative Humidity. Monthly. (g)	Vapor Pressure. 8 a. m.	Vapor Pressure. 8 p. m.	Vapor Pressure. Monthly. (g)
24.3	28.6	26.4	79.6	84.4	82.0	.141	.167	.154

NUMBER OF DAYS WITH—(j)

Maximum. 32° or below.	Maximum. 90° or above.	Minimum. 32° or below.	Minimum. Zero or below.
9 ~~10~~	0	27	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)
8186	11.0	SW	39	SW	18

Number of Times Wind Observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
2	6	2	6	12	17	9	8	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.
8.0	6.5	7.2	30	6	6	19

Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
2	0	17

MISCELLANEOUS PHENOMENA.

DATES OF—(MIDNIGHT TO MIDNIGHT).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Fog. Dense.	Haze. Light.	Haze. Dense.	Smoke. Light.	Smoke. Dense.	Hail.	Aurora.
-	-	-	20	0	0	0	11"	11"	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total Amount.	Greatest Amount in 24 Consecutive Hours. Am't.	Date. (k)	Excessive. 2.50 Inches in 24 Hours. (l) * Am't.	Duration. h.	m.	Date. (k)	1 Inch per Hour. (l) Am't.	Duration. h.	m.	Date. (k)
5.54	1.50	17-18	-	0		-	-	0		-

Number of Days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	Snow. .01 or more melted.	Snow. Total Depth. (o)	Snow. Average Depth at End of Month.
3	19	14	9	2	22	12	8	10.0	0.1

(u) Maximum precipitation in 5 minutes .10, date 17"; 10 minutes .13, date 17"; 15 minutes .16, date 20;
30 minutes .23, date 20"; 1 hour .37, date 17"; 2 hours .71, date 17"

EXCESSIVE.

Date.	Total Duration. From—	To—	Total am't of precipitation.	Excessive Rate. Began—	Ended—	Am't before excessive began.
				None		

Accumulated Depths during Excessive Rate, for Consecutive Periods of Time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

*The duration is the time precipitation was actually recorded.

8—154

Prepared by _____ W. S. Palmer L.F., Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of January, 1913

Number of Station barometer, 656; sum of corrections, -.009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th Mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Am't.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
7"	3 00 p	2 00 p	7.00	29.115	.118	28.997	29.95	30.9	30.9	31	0	100	30.9	E	12	–	–	.05	10	Nb	E	Lt Rain		H.F.C.	7"

Sent to CO

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

Form No. 1001—Met'l. (1913 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of February, 1913

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

† Elevation above ground of the dry thermometer, — feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date No; amount of change in height of barometer, — feet (higher or lower).

No. of extra barometer, 673; sum of corrections, .017; date and observation upon which use of station barometer commenced, May 20, 1911, 7.00 a.m.; station elevation, 806 feet; actual elevation, 806 feet.

Location of office: Number Cor Berry & Calhoun street, room 911 - 912; first observation taken in present office, 7.00 a. m. May 20, 19 11

* Cancel words that are not appropriate.

† To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of February, 1913

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.17 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	55.0	29.384	-.079	29.305	30.28	1.2	0.0	-7	63	.026	16.2	0.9	SW	18	30	W	T	0	0	0	Clear		BAS.	1
2	59.0	29.638	-.091	29.547	30.54	4.4	3.2	-3	68	.032	9.8	3.8	SW	9			0	0	0	0	Clear		BAS.	2
3	59.0	29.172	-.089	29.083	30.04	24.3	24.3	24	100	.124	25.0	22.1	N	3			.32	10	Nb	N	It. Snow		BAS.	3
4	63.0	29.344	-.100	29.244	30.21	2.5	1.9	-2	82	.034	22.0	1.5	SW	10			0	[illegible]	A. St.	W	Clear		BAS.	4
5	58.0	29.360	-.087	29.273	30.26	-1.6	-2.2	-6	78	.028	13.1	-1.6	SW	6			0	0	0	0	Clear		BAS.	5
6	56.0	29.290	-.082	29.208	30.21	-1.8	-2.6	-8	71	.025	6.0	-2.0	SW	10			0	0	0	0	Clear		BAS.	6
7	56.0	29.276	.082	29.194	30.18	1.0	3.2	-1	78	.036	10.8	4.0	SW	14			0	0	0	0	Clear		BAS.	7
8	51.0	29.114	-.086	29.046	30.02	14.2	13.0	9	78	.060	14.2	12.9	SW	15			0	0	0	0	Clear		BAS.	8
9	62.0	29.388	-.098	29.290	30.27	12.2	10.0	1	56	.040	21.8	11.1	SW	10			0	4	A.St.	SW	P.Cloudy		BAS.	9
10	68.0	29.538	.114	29.424	30.40	9.4	8.2	3	73	.044	24.0	9.1	E	6			0	0	0	0	Clear		H.H.S.	10
11	65.0	29.024	-.104	28.920	29.87	34.2	33.2	32	90	.180	34.4	32.6	W	10			T	10	St	W	Cloudy		H.H.S.	11
12	71.0	29.444	-.122	29.322	30.30	7.2	6.0	+0	71	.038	17.8	7.2	W	12			0	1	St	W	Clear		H.H.S.	12
13	69.0	29.644	-.118	29.526	30.52	0.8	-2.0	-11	59	.021	9.8	-1.1	SW	8			0	0	0	0	Clear		H.H.S.	13
14	63.0	29.226	-.100	29.126	30.10	16.1	14.7	10	76	.063	16.8	11.4	SW	8			0	0	0	0	Clear		H.H.S.	14
15	64.0	29.036	-.102	28.934	29.88	32.0	30.0	27	79	.143	33.0	31.1	S	12			0	6	A.St.	W	P.Cloudy		H.H.S.	15
16	68.0	29.122	-.112	29.010	29.96	26.1	25.1	23	88	.118	41.2	26.1	NW	8			T	10	St	NW	Cloudy		H.H.S.	16
17	71.0	29.174	-.121	29.053	30.00	32.2	30.7	28	85	.150	35.8	29.1	NW	18			.08	10	St	NW	Cloudy		H.H.S.	17
18	70.0	29.325	-.119	29.206	30.16	28.1	26.1	22	77	.113	33.5	28.0	E	5			0	5	A.St.	E	P.Cloudy		H.H.S.	18
19	71.0	29.119	-.120	28.999	29.94	43.8	39.8	35	71	.203	44.6	42.8	S	12			0	2	A.St.	SW	Clear		H.H.S.	19
20	70.0	29.114	-.118	28.996	29.93	45.0	42.0	39	79	.237	53.2	45.0	SW	9			0	6	A.St.	SW	P.Cloudy		H.H.S.	20
21	71.0	29.258	-.121	29.137	30.09	31.2	29.7	27	84	.143	35.5	31.2	NE	14			0	10	St	NE	Cloudy		H.H.S.	21
22	63.5	28.824	-.100	28.724	29.66	34.1	33.6	33	95	.187	41.6	31.4	SW	14	25	SW	.10	8	St.	SW	Cloudy		H.H.S.	22
23	59.0	29.224	-.089	29.135	30.10	19.0	17.8	15	82	.081	25.0	18.6	W	18	34	SW	T	10	St	W	Cloudy		BAS.	23
24	66.5	29.283	-.109	29.174	30.13	19.1	17.5	13	75	.074	22.2	19.1	N	6			T	10	Nb	N	Lt. Snow		H.H.S.	24
25	71.0	29.406	-.122	29.284	30.25	16.1	14.5	9	73	.060	22.0	15.7	SW	6			0	0	0	0	Clear		H.H.S.	25
26	70.5	29.040	-.119	28.921	29.87	32.1	31.6	31	95	.172	32.1	27.2	S	10			.20	10	Nb	S	Lt. Snow		H.H.S.	26
27	71.0	28.900	-.120	28.780	29.72	30.2	29.2	27	89	.143	33.7	30.2	NE	12			.06	10	Nb	NE	Lt. Snow		H.H.S.	27
28	72.0	29.165	-.124	29.041	30.00	21.8	20.3	17	79	.089	27.6	21.8	N	8			.04	10	Nb	N	Lt. Snow		H.H.S.	28
29																								29
30																								30
31																								31
Sums	(a)	(a)		815.902	842.89	536.3	498.8	387	2194	2.664	(a)	(a)	(a)	291	(a)	(a)	0.80	132	(a)	(a)	(a)		(a)	(a)
Means	(a)	(a)		29.139	30.103	19.2	17.8	13.8	78.4	.095	(a)	(a)	(c) SW	10.4	(a)	(a)	(a)	4.7	(c) St	(c) W	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of February, 1913

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	64.0	29.614	-.103	29.511	30.50	9.8	8.8	5	79	.049	12.0	1.0	SW	8			0	0	0	0	Clear			H.H.C.	1
2	61.0	29.416	-.095	29.321	30.30	22.9	20.9	16	73	.085	23.2	4.4	S	12			0	0	0	0	Clear			H.H.C.	2
3	71.0	29.207	-.121	29.086	30.05	22.0	20.0	15	72	.081	32.1	22.0	NW	12			.04	0	0	0	Clear			H.H.C.	3
4	67.0	29.340	-.111	29.229	30.21	13.1	11.5	6	69	.052	16.0	2.0	SW	14			0	0	0	0	Clear			H.H.C.	4
5	63.0	29.270	-.100	29.170	30.17	6.0	5.0	0	75	.038	7.2	-4.1	SW	16	25	SW	0	0	0	0	Clear			H.H.C.	5
6	64.0	29.276	.103	29.173	30.16	10.8	9.6	-5	75	.049	-5.1	-1.8	SW	12	25	SW	0	0	0	0	Clear			H.H.C.	6
7	61.5	29.250	.096	29.154	30.12	14.2	12.6	7	71	.054	16.2	4.0	SW	20	31	SW	0	0	0	0	Clear			H.H.C.	7
8	65.0	29.335	-.105	29.230	30.14	21.8	19.8	15	72	.081	26.2	14.2	SW	6	26	SW	T	0	0	0	Clear			H.H.C.	8
9	69.0	29.457	.117	29.340	30.31	24.0	21.0	14	61	.077	28.9	12.2	NW	4			0	0	0	0	Clear			H.H.C.	9
10	72.0	29.198	.124	29.074	30.03	32.8	32.0	31	92	.172	35.2	9.4	S	16			0	10	St	S	Cloudy			Bas.	10
11	71.0	29.276	.121	29.155	30.12	17.8	16.2	12	75	.070	34.2	17.8	NW	10			0	0	0	0	Clear			Bas.	11
12	72.5	29.668	-.127	29.541	30.52	7.8	9.0	6	83	.052	14.8	7.2	W	9			T	1	A.St.	W	Clear			Bas.	12
13	72.0	29.418	-.125	29.293	30.27	16.8	15.0	10	71	.063	21.5	-0.8	SW	9			0	0	0	0	Clear			Bas.	13
14	71.0	29.156	-.121	29.035	30.00	33.0	30.5	27	76	.143	37.8	16.1	SW	10			0	0	0	0	Clear			Bas.	14
15	72.0	28.974	-.123	28.851	29.80	41.2	41.0	41	98	.256	48.0	32.0	W	9			T	8	Nb	W	Ft. Rainy Cloudy			Bas.	15
16	70.0	29.118	-.118	29.000	29.95	29.1	28.0	26	88	.136	29.1	26.0	SW	8			0	8	St	SW	Cloudy			Bas.	16
17	74.5	29.354	-.130	29.224	30.16	33.5	31.0	28	76	.150	36.6	30.2	N	2			0	0	0	0	Clear			Bas.	17
18	74.5	29.164	-.130	29.034	29.98	44.2	41.7	39	82	.237	48.8	28.1	SE	5			0	0	0	0	Clear			Bas.	18
19	70.0	29.068	-.118	28.950	29.88	53.2	50.0	47	80	.322	64.0	42.9	S	12			0	0	0	0	Clear			Bas.	19
20	74.0	29.270	-.129	29.141	30.08	35.5	34.0	32	86	.180	45.0	35.5	NE	11			0	10	St	NE	Cloudy			Bas.	20
21	73.0	29.022	-.125	28.897	29.85	31.7	30.2	28	85	.150	32.3	29.6	NE	16	25	NE	0	10	St	NE	Cloudy			Bas.	21
22	66.0	28.976	-.107	28.869	29.82	25.0	24.5	24	94	.124	35.2	23.5	SW	30	42	SW	T	6	St	SW	Pt Cloudy			Bas.	22
23	65.0	29.302	-.105	29.197	30.16	22.2	20.7	17	79	.089	23.2	18.0	NW	4			.01	10	St	W	Cloudy			Bas.	23
24	72.5	29.282	-.125	29.157	30.12	22.0	20.5	17	79	.089	23.8	17.2	W	6			.01	0	0	0	Clear			Bas.	24
25	74.0	29.346	-.129	29.217	30.18	29.0	26.5	22	72	.113	32.8	16.1	SE	14			0	10	St	SE	Cloudy			Bas.	25
26	71.0	28.866	-.119	28.747	29.69	33.7	33.7	34	100	.195	37.8	32.1	NE	8			.31	10	Nb	N	Ft. Rain	B2°° P E4°° P.		Bas.	26
27	72.5	28.924	-.124	28.800	29.74	27.6	27.6	28	100	.150	30.8	27.6	N	10			.04	10	Nb	N	Lt Snow			Bas.	27
28	75.0	29.234	-.132	29.102	30.06	26.0	24.5	22	82	.113	28.9	21.8	NE	6			.02	10	St	NE	Cloudy			Bas.	28
29																									29
30																									30
31																									31
Sums		(a)	(a)	815.498	842.42	708.7	665.8	574	2245	3.370	(a)	(a)	(a)	289	(a)	(a)	0.43	103	(a)	(a)	(a)			(a)	(a)
Means		(a)	(a)	29.125	30.086	25.3	23.8	20.5	80.2	.120	(a)	(a)	(c) SW	10.3	(a)	(a)	(a)	3.7	(c) St	(c) NE W	(a)	(a)	(a)		(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of February, 1913

Date.	TEMPERATURE. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean. (Max. and Min.) (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	PRECIPITATION. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (Mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. * ††	Snow unmelted. 7 p.m. to 7 p.m. * ††	Hail, sleet, and snow on ground at 7 p.m. * ††	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
1 Saturday	12	1	11	18	6																0				0	T	0.1	0	1
2	23	4	19	8	14																T+				0	0	0.1	T+	2
3	32	12	20	8	22																.36+				0	6.2	5.6	.36+	3
4	16	2	14	13	9																0				0	0	5.5	0	4
5	10	-4	14	6	3																0				0	0	5.4	0	5
6	15	2	17	3	6																0				0	0	5.3	0	6
7	16	4	12	4	10																0				0	0	5.2	0	7
8	26	13	13	10	20																T				0	T	4.2	T	8
9	29	11	18	0	20																0				0	0	3.4	0	9
10	35	9	26	2	22																0				0	0	0.8	0	10
11	34	14	20	2	24																T				0	T	T	T	11
12	15	2	13	16	8																T				0	T	T	T	12
13	22	-1	23	2	10																0				0	0	T	0	13
14	38	11	27	14	24																0				0	0	T	0	14
15	48	31	17	16	40																T				0	0	T	T	15
16	32	26	6	11	29																.08				0	T	T	.08	16
17	37	30	7	5	34																0				0	0.8	T	0	17
18	49	28	21	4	38																0				0	0	T	0	18
19	64	43	21	16	54																0				0	0	0	0	19
20	50	35	15	12	42																0				0	0	0	0	20
21	35	30	5	10	32																.06				0	0	0	0	21
22	42	22	20	0	32																.04				0	T	T	T	22
23	23	18	5	12	20																.01				0	0.1	T	.01	23
24	24	17	7	0	20																.01				0	0.1	T	.01	24
25	31	16	15	4	24																.03T				0	0	0	.03T	25
26	38	27	11	8	32																.52+				0	2.0	0.4	.15	26
27	33	26	7	2	30																.05T				0	0.4	0.4	.05T	27
28	29	22	7	4	26																.19T				0	0.5	0.2	.22	28
29																													29
30																													30
31																													31
S.	858	447	411	210	651		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	1.37		Total excess or deficiency since January 1,		0	10.1	(a)	(a)	(a)
M.	30.6	16.0	14.7	7.5	23.2	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

+ Estimated

8—154

SUMMARY FOR THE MONTH OF February, 1913

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.005)

STATION.

Mean. 8 a. m.	Mean. 8 p. m.	Mean. Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.139	29.125	29.132	29.547	2	28.724	22	0.823
Corrected mean		29.127					

REDUCED.

Mean. 8 a. m.	Mean. 8 p. m.	Mean. Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
30.103	30.086	30.094	30.54	2	29.66	22	0.88
Corrected mean		30.089	3,500-ft			10,000-ft	

TEMPERATURE.

MEAN.

Dry. 8 a. m.	Dry. 8 p. m.	Dry. (8+8)÷2 (g)	Wet. 8 a. m.	Wet. 8 p. m.	Wet. Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)
19.2	25.3	22.2	17.8	23.8	20.8	30.6	16.0	23.3	—	—	—

Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
64	19	−4	5	68	27	14	5	23

Dew-point. 8 a. m.	Dew-point. 8 p. m.	Dew-point. Monthly. (g)	Relative Humidity. 8 a. m.	Relative Humidity. 8 p. m.	Relative Humidity. Monthly. (g)	Vapor Pressure. 8 a. m.	Vapor Pressure. 8 p. m.	Vapor Pressure. Monthly. (g)
13.8	20.5	17.2	78.4	80.2	79.3	.095	.120	.108

NUMBER OF DAYS WITH—(j)

Maximum. 32° or below.	Maximum. 90° or above.	Minimum. 32° or below.	Minimum. Zero or below.
15	0	26	3

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)
7,818	11.6	SW	42	SW	22

Number of Times Wind Observed from the—

N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
5	6	2	2	6	23	6	6	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.
4.7	3.7	5.1	50	11	8	9

Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
1	2	7

MISCELLANEOUS PHENOMENA.

DATES OF—(MIDNIGHT TO MIDNIGHT).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Fog. Dense.	Haze. Light.	Haze. Dense.	Smoke. Light.	Smoke. Dense.	Hail.	Aurora.
—	—	—	0	22	0	0	26	0	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total Amount.	Greatest Amount in 24 Consecutive Hours. Am't.	Greatest Amount in 24 Consecutive Hours. Date. (k)	Excessive. 2.50 Inches in 24 Hours. (l) * Am't.	Duration. h.	m.	Date. (k)	1 Inch per Hour. (l) Am't.	Duration. h.	m.	Date. (k)
1.37	.56	25-26	—	0		—	—	0		—

Number of Days with—(Mid. to Mid.).

Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	Snow. .01 or more melted.
5	10	8	2	0	15	13	7

Snow. Total Depth. (o)	Snow. Average Depth at End of Month.
10.1	0.2

T.B. gage not working, acct of snow.

(w) Maximum precipitation in 5 minutes _____, date _____; 10 minutes _____, date _____; 15 minutes _____, date _____;

30 minutes _____, date _____; 1 hour _____, date _____; 2 hours _____, date _____

EXCESSIVE.

Date.	Total Duration. From—	Total Duration. To—	Total am't of precipitation.	Excessive Rate. Began—	Excessive Rate. Ended—	Am't before excessive began.
				None.		

Accumulated Depths during Excessive Rate, for Consecutive Periods of Time indicated below.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

*The duration is the time precipitation was actually recorded.

8—154

Prepared by _____ W. S. Eakman, L. F., Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of February, 1913

Number of Station barometer, 656; sum of corrections, -.009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th Mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Am't.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
11	12.00 Noon	11.00A	69.0	29.164	-.116	29.048	30.01	24.1	21.7	16	8	69	34.2	NW	20	24	NW	0	3	a.St	NW	Clear		HHC.	11

Called for Sent 65.

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation. 8—154

Form No. 1001—Met'l. (1913 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne Ind

For the Month of March, 1913.

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

† Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date No.; amount of change in height of barometer, ____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911.

____; station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Cor. Berry & Calhoun street, room 911-912; first observation taken in present office, 7^oo A. m. May 20, 1911.

* Cancel words that are not appropriate.

† To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of March, 1913

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	70.0	29.119	-.118	29.001	29.96	21.2	20.2	18	86	.093	26.0	21.2	NW	6			.18	10	Nb	NW	Lt Snow		H.T.C.	1
2	53.0	29.334	-.074	29.260	30.24	0.2	-1.0	-9	61	.023	25.2	±0.0	SW	24	36	SW	.03	0	0	0	Clear		B.A.S.	2
3	53.0	29.186	-.073	29.113	30.07	24.9	22.4	17	69	.089	24.9	11.4	SW	16	28	SW	0	2	St	SW	Clear		H.T.C.	3
4	66.0	29.210	-.108	29.102	30.05	25.1	24.1	22	87	.113	40.5	25.1	NE	10			.36	10	Nb	NE	Lt Snow		H.T.C.	4
5	67.0	29.231	-.110	29.121	30.08	17.2	15.0	8	64	.057	20.5	12.3	S	10			0	0	0	0	Clear		H.T.C.	5
6	68.0	29.214	-.113	29.101	30.06	13.2	12.0	8	77	.057	32.5	13.2	W	12	27	NW	.08	5	St	W	P.Cloudy		H.T.C.	6
7	64.5	29.541	-.105	29.436	30.42	-5.2	4.0	-2	69	.034	10.0	3.8	SW	8			0	0	0	0	Clear		H.T.C.	7
8	66.0	29.318	-.108	29.210	30.17	27.8	26.3	24	82	.124	27.8	22.0	SW	8			.08	10	St	SW	Cloudy		H.T.C.	8
9	67.5	29.156	-.112	29.044	29.98	44.0	41.0	38	78	.228	48.8	41.5	SW	23	26	SW	0	0	0	0	Clear		B.A.S.	9
10	70.5	29.318	-.120	29.198	30.15	30.0	29.0	27	89	.143	33.0	29.8	E	7			0	10	St	E	Cloudy		H.T.C.	10
11	70.0	29.259	-.119	29.140	30.09	31.0	30.2	29	91	.157	40.0	31.0	NW	10			T	10	St	NW	Cloudy		H.T.C.	11
12	71.0	29.364	-.121	29.243	30.19	36.0	35.0	34	91	.195	44.5	35.6	SE	4			0	0	0	0	Clear		H.T.C.	12
13	71.5	29.175	-.122	29.053	29.98	50.2	47.2	44	81	.287	53.5	48.1	SE	8			0	10	St	S	Cloudy		H.T.C.	13
14	69.0	28.682	-.114	28.568	29.48	53.8	51.8	50	88	.360	57.1	52.2	SE	14			.23	0	0	0	Clear		H.T.C.	14
15	67.0	28.700	-.109	28.591	29.51	35.1	31.6	26	68	.136	59.0	35.0	SW	18			0	1	St	SW	Clear		H.T.C.	15
16	65.0	29.143	-.105	29.038	30.00	22.3	21.3	19	86	.098	29.2	21.0	NW	12			T	10	Nb	W	Lt Snow		B.A.S.	16
17	56.0	29.744	-.080	29.664	30.64	14.4	12.0	3	57	.044	27.2	13.2	SW	10	30	NW	T	0	0	0	Clear		H.T.C.	17
18	65.0	29.666	-.105	29.559	30.51	40.2	35.2	28	61	.150	40.2	35.0	SW	16			0	0	0	0	Clear		H.T.C.	18
19	69.0	29.384	-.117	29.267	30.21	47.1	43.6	40	76	.247	53.0	44.2	S	16			0	0	0	0	Clear		H.T.C.	19
20	68.5	28.920	-.114	28.806	29.72	55.8	52.3	50	79	.360	60.0	53.4	S	22	25	S	T	10	A.St	SW	Cloudy		H.T.C.	20
21	67.0	28.370	-.108	28.262	29.17	57.2	57.2	57	100	.465	57.2	37.8	S	26	38	S	.50	10	Nb	S	Lt Rain		H.T.C.	21
22	64.0	29.808	-.104	29.704	30.68	20.0	17.6	11	65	.066	25.5	19.1	SW	8	31	W	T	0	0	0	Clear		H.T.C.	22
23	66.0	29.426	-.109	29.317	30.27	33.0	32.0	31	90	.172	33.5	29.0	E	7			0	10	St	E	Cloudy		B.A.S.	23
24	66.0	29.006	-.107	28.899	29.83	52.0	51.0	50	94	.360	64.7	48.2	SW	12	52	W	.68	10	St	SW	Cloudy		H.T.C.	24
25	67.0	29.026	-.110	28.916	29.85	39.8	39.8	40	100	.247	50.0	39.8	NE	12			1.36	10	Nb	NE	Lt Rain		H.T.C.	25
26	68.0	29.146	-.113	29.033	29.98	29.4	28.4	26	89	.136	32.0	29.4	NW	8			.02	10	St	NW	Cloudy		H.T.C.	26
27	69.0	29.137	-.116	29.021	29.98	19.4	19.0	18	94	.093	29.0	19.4	NW	16			.40	10	Nb	NW	Lt Snow		H.T.C.	27
28	67.0	29.572	-.111	29.461	30.43	21.2	19.7	16	78	.085	24.0	18.4	SW	8			0	10	St	SW	Cloudy		H.T.C.	28
29	63.0	29.388	-.101	29.287	30.24	36.1	33.5	30	78	.164	35.2	34.0	S	13			0	0	0	0	Clear		H.T.C.	29
30	70.0	29.121	-.118	29.003	29.93	45.5	41.0	36	68	.211	50.0	45.5	S	12			0	0	0	0	Clear		B.A.S.	30
31	67.0	28.908	-.110	28.798	29.72	44.9	44.9	45	100	.298	59.6	44.9	W	18	56	SW	.14	10	Nb	W	Lt Rain		H.T.C.	31
Sums		(a)	(a)	902.216	931.59	1932	937.3	834	2496	5.292	(a)	(a)	(a)	394	(a)	(a)	4.06	168	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.104	30.051	32.0	30.2	26.9	80.5	.171	(a)	(a)	(c) SW	12.7	(a)	(a)	(a)	5.4	(c) St	(c) SW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of March, 1913

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.17 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	71.0	29.170	-.121	29.049	30.01	23.2	21.2	16	73	.085	30.4	20.2	SW	12			T	0	0	0	Clear				1
2	59.0	29.438	-.090	29.348	30.34	12.0	9.8	1	56	.040	13.2	0.2	SW	16	31	SW	0	0	0	0	Clear				2
3	62.0	29.244	-.097	29.147	30.10	40.5	37.0	32	72	.180	43.3	24.9	SW	3	27	SW	0	10	St	SW	Cloudy				3
4	69.5	29.328	-.117	29.211	30.17	20.5	17.5	9	56	.060	26.3	20.0	NW	9			.04	0	0	0	Clear				4
5	70.0	28.926	-.118	28.808	29.76	32.5	32.5	32	100	.180	37.0	17.2	SW	12			.08	10	Nb	SW	Lt Snow				5
6	68.0	29.424	-.114	29.310	30.29	10.0	7.8	-2	53	.034	13.8	10.0	W	18	25	W	T	0	0	0	Clear				6
7	69.0	29.488	-.117	29.371	30.35	22.0	22.0	22	100	.113	23.7	-5.2	SE	8			T	10	Nb	S	Lt Snow				7
8	74.0	29.212	-.129	29.083	30.03	44.2	40.7	36	74	.211	46.8	27.8	SW	10			0	0	0	0	Clear				8
9	71.0	29.396	-.122	29.274	30.22	33.0	31.5	29	85	.157	50.0	32.0	NW	11	25	SW	T	10	St	NW	Cloudy				9
10	71.0	29.118	-.120	28.998	29.95	40.0	38.0	35	84	.203	42.8	30.0	E	4			T	10	St	E	Cloudy				10
11	72.0	29.302	-.124	29.178	30.12	44.5	40.0	34	68	.195	48.8	31.0	SW	3			0	0	0	0	Clear				11
12	72.0	29.236	-.124	29.112	30.05	53.5	50.5	48	82	.334	57.6	36.0	SE	9			0	10	A St	SE	Cloudy				12
13	70.5	28.916	-.119	28.797	29.71	55.6	55.6	56	100	.448	65.8	50.2	SE	14			.15	10	Nb	SE	Lt. Rain				13
14	68.0	28.535	-.112	28.423	29.33	59.0	49.0	39	48	.237	69.9	53.8	SW	25	43	S	T	0	0	0	Clear				14
15	68.0	28.910	-.112	28.798	29.74	29.2	28.2	26	89	.136	36.2	29.2	NW	14	30	SW	T	10	Nb	W	Lt Snow				15
16	62.0	29.342	-.098	29.244	30.20	27.0	25.0	21	76	.108	29.0	21.0	SW	12			T	0	0	0	Clear				16
17	69.0	29.691	-.118	29.573	30.54	36.5	34.0	30	78	.164	36.5	14.4	SE	9			0	Few	A St	SE	Clear				17
18	72.0	29.478	-.125	29.353	30.30	53.0	50.0	47	82	.322	61.3	40.2	S	16	34	SW	0	0	0	0	Clear				18
19	70.0	29.076	-.118	28.958	29.89	60.0	57.0	55	84	.432	65.1	47.1	SE	16	28	SW	0	6	A St	SE	Pt Cloudy				19
20	68.0	29.058	-.112	28.946	29.88	42.0	40.0	38	85	.288	64.0	41.8	NW	10	35	SW	0	4	A St	W	Pt Cloudy				20
21	63.0	29.362	-.100	29.262	30.21	25.5	24.0	22	82	.113	58.0	25.3	SW	27	64	SW	.01	10	St	SW	Cloudy				21
22	70.0	29.762	-.120	29.642	30.61	33.5	32.0	30	86	.164	38.0	20.0	E	5			0	5	St	SE	Pt Cloudy				22
23	65.0	29.091	-.104	28.987	29.93	49.5	48.0	46	90	.310	50.4	33.0	SE	15			2.08	10	St	SE	Cloudy				23
24	69.0	29.052	-.115	28.937	29.87	50.0	50.0	50	100	.360	61.0	50.0	SE	3	26	SW	.56	10	Nb	N	Lt. Rain				24
25	70.0	29.072	-.118	28.954	29.90	32.0	32.0	32	100	.180	39.8	32.0	NE	13			.05	10	Nb	NE	Lt. Rain				25
26	71.0	29.008	-.120	28.888	29.84	29.0	29.0	29	100	.157	32.5	27.6	N	12			.21	10	Nb	N	Lt Snow				26
27	68.0	29.476	-.114	29.362	30.33	24.0	22.0	18	74	.093	29.0	19.0	NW	12			T	Few	St	NW	Clear				27
28	65.0	29.460	-.106	29.354	30.31	34.0	31.0	27	72	.143	36.2	21.2	S	9			0	0	0	0	Clear				28
29	67.0	29.192	-.110	29.082	30.02	50.0	47.0	44	81	.287	53.1	36.1	S	12	26	SW	0	8	A St	SW	Cloudy				29
30	70.5	28.880	-.119	28.761	29.68	59.0	55.5	53	81	.402	60.5	45.5	S	19	25	S	0	10	St	Sw	Cloudy				30
31	67.5	29.120	-.111	29.009	29.95	45.0	42.5	40	82	.247	51.5	41.8	W	16	29	W	T	Few	St	W	Clear				31
Sums		(a)	(a)	902219	931.63	1169.7	1100.3	995	2493	6.323	(a)	(a)	(a)	374	(a)	(a)	3.18	163	(a)	(a)	(a)	0	0	(a)	(a)
Means		(a)	(a)	29.104	30.053	37.7	35.5	32.1	80.4	.204	(a)	(a)	(c) SW	16.6 12.1	(a)	(a)	(a)	5.3	(c) St	(c) SE	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of March, 1913

Date.	TEMPERATURE. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean. (Max. and Min.) (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	PRECIPITATION. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (Mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. * ‡‡	Snow unmelted. 7 p.m. to 7 p.m. * ‡‡	Hail, sleet, and snow on ground at 7 p.m. * ‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In. †				In.	In.	In.	In. †	
1 Saturday	30	17	13	2	24																.07				0	2.2	2.2	.07	1
2	17	0	17	16	8																0				0	0.3	2.4	0	2
3	43	16	27	22	30																.07				0	0	T	0	3
4	34	16	18	5	25																.33				0	1.6	1.5	.16	4
5	37	12	25	1	24																.16				0	0.8	2.4	.16	5
6	24	7	17	8	16																T				0	0.8	3.2	T	6
7	25	4	21	2	14																.08				0	T	3.0	.08	7
8	48	24	24	22	36																0				0	1.8	0.4	0	8
9	50	31	19	4	40																T				0	0	T	0	9
10	43	30	13	4	36																T				0	0	0	0	10
11	49	31	18	4	40																0				0	0	0	0	11
12	58	36	22	7	47																0				0	0	0	0	12
13	66	48	18	10	57																.38				0	0	0	0	13
14	70	42	28	1	56																T				0	0	0	0	14
15	42	23	19	24	32																T				0	T	T	T	15
16	29	17	12	9	23																T				0	T	T	T	16
17	36	13	23	24	24																0				0	T	T	0	17
18	61	36	25	12	48																0				0	0	0	0	18
19	65	44	21	9	54																T				0	0	0	0	19
20	64	38	26	3	51																0				0	0	0	0	20
21	58	20	38	12	39																.51				0	T	0	T	21
22	38	19	19	11	28																T				0	T	0	T	22
23	65	29	36	19	47																2.08				0	0	0	0	23
24	65	49	16	10	57																1.98				0	0	0	0	24
25	49	31	18	17	40																.89				0	0	0	0	25
26	32	25	7	12	28																.40 †				0	2.1	2.1	.40 †	26
27	29	19	10	4	24																.21 †				0	4.0	2.4	.21 †	27
28	36	18	18	3	27																0				0	0	T	0	28
29	53	34	19	17	44																0				0	0	0	0	29
30	60	46	14	9	53																.14				0	0	0	0	30
31	54	42	12	5	48																T				0	0	0	0	31
S	1438	817	614	296	1109	1128	Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	7.10		Total excess or deficiency since January 1,		6	12.6	(a)	(a)	(a)
M	46.2	26.4	19.8	9.5	36.2	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S[d]—dry snow, S[m]—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

(8) † Estimated

SUMMARY FOR THE MONTH OF March, 1913., 191

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.005)

STATION.

Mean. 8 a. m.	Mean. 8 p. m.	Mean. Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.104	29.104	29.104	29.704	22'	28.262	21"	1.442
Corrected mean		29.099					

REDUCED.

Mean. 8 a. m.	Mean. 8 p. m.	Mean. Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
30.051	30.053	30.052	30.68	22"	29.17	21	1.51
Corrected mean		30.047	3,500-ft			10,000-ft	

TEMPERATURE.

MEAN.

Dry. 8 a. m.	Dry. 8 p. m.	Dry. (8+8)÷2 (g)	Wet. 8 a. m.	Wet. 8 p. m.	Wet. Monthly. (g)	Max.	Min.	Monthly. (g)
32.0	37.7	34.8	30.2	35.5	32.8	46.2	26.4	36.3

Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)
—	—	—

Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range. (i)	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
70	14	0	2	70	38	21	7	26"

Dew-point. 8 a. m.	Dew-point. 8 p. m.	Dew-point. Monthly. (g)	Relative Humidity. 8 a. m.	Relative Humidity. 8 p. m.	Relative Humidity. Monthly. (g)	Vapor Pressure. 8 a. m.	Vapor Pressure. 8 p. m.	Vapor Pressure. Monthly. (g)
26.9	32.1	29.5	80.5	80.4	80.4	.171	.204	.188

Number of days with—(j) Maximum. 32° or below.	Maximum. 90° or above.	Minimum. 32° or below.	Minimum. Zero or below.
6	0	21	10

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)
10,388	14.0	SW	64	SW	21"

Number of Times Wind Observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
1	3	4	10	10	20	4	10	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.
5.4	5.3	4.9	58	13	9	9

Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
5	2	6

MISCELLANEOUS PHENOMENA.

DATES OF—(MIDNIGHT TO MIDNIGHT).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
—	—	—	13-21-23-24-30	21-24-14-30	0	0	6	0	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total Amount.	Greatest Amount in 24 Consecutive Hours. Am't.	Greatest Amount in 24 Consecutive Hours. Date. (k)	Excessive. 2.50 Inches in 24 Hours. (l) * Am't.	Duration. h.	m.	Date. (k)	1 Inch per Hour. (l) Am't.	Duration. h.	m.	Date. (k)
7.10	2.76	23'-24	2.76	13	25	23"-24	—	a		—

Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	Snow. .01 or more melted.
9	13	13	7	2	22	11	6

Snow. Total Depth. (o)	Snow. Average Depth at End of Month.
12.6	0

T.B. Gage not working.

(w) Maximum precipitation in 5 minutes _____, date _____; 10 minutes _____, date _____; 15 minutes _____, date _____;

30 minutes _____, date _____; 1 hour _____, date _____; 2 hours _____, date _____

EXCESSIVE.

Date.	Total Duration. From—	To—	Total am't of precipitation.	Excessive Rate. Began—	Ended—	Am't before excessive began.
			None.			

Accumulated Depths during Excessive Rate, for Consecutive Periods of Time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

× Believed to be correct.

*The duration is the time precipitation was actually recorded.

8—154

Prepared by _____ W. S. Palmer, L.F., Weather Bureau.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, for the Month of March, 1913

Number of Station barometer, 656; sum of corrections, -.009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th Mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Am't.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.	
3"	Noon																									
	12.00	11.00a	59.0	29.224	.089	29.135	30.08	39.1	35.5	31	8	71	39.1	SW	24	26	SW	0	9	A.St.	SW	Cloudy		H.T.C.	3"	Called for Sent to C.O.
21"	10.20a	9.20a	64.0	28.719	.101	28.618	29.54	35.2	34.4	34	1	93	38.0	SW	48	60	SW	.01	10	Nb	SW	Lt. Rain		H.T.C.	21"	Sent to C.O.

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

Form No. 1001—Met'l. (1913 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of April, 1913

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

† Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date No; amount of change in height of barometer, ____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20 1911, 7.00 A.M.; station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Cor Berry & Calhoun street, room 911-912; first observation taken in present office, 7.00 a m. May 20, 1913

* Cancel words that are not appropriate.

† To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of April, 1913

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	65.0	29.235	-.105	29.130	30.07	41.4	38.9	35	80	.203	45.0	38.8	W	13			0	1	St	W	Clear			1
2	69.0	29.350	-.116	29.234	30.16	46.8	46.8	47	100	.322	50.5	46.1	SE	4			.01	10	Nb	SE	Lt. Rain			2
3	71.0	28.913	-.120	28.793	29.70	63.8	60.3	58	82	.482	63.8	47.6	SW	18	25	SW	T	10	St	SW	Cloudy			3
4	69.5	28.930	-.116	28.814	29.72	58.4	58.4	58	100	.482	64.2	57.7	SW	14	25	W	.05	10	Nb	SW	Lt. Rain			4
5	62.5	29.453	-.099	29.353 (3.53)	30.30	37.0	35.0	32	83	.180	39.1	35.2	W	10			0	1	St	W	Clear			5
6	65.0	29.474	-.106	29.368	30.33	33.5	31.0	28	76	.150	41.0	30.8	W	11			0	0	0	0	Clear			6
7	68.0	29.534	-.114	29.420	30.38	31.4	28.9	24	74	.124	40.0	27.3	NE	6			0	2	St	NE	Clear			7
8	67.0	29.567	-.111	29.456	30.42	29.8	27.3	23	73	.118	36.0	28.3	E	12			0	10	St	E	Cloudy			8
9	66.0	29.398	-.109	29.289	30.24	35.0	35.0	35	100	.203	40.0	34.7	E	12	26	E	.14	10	Nb	E	Lt. Rain			9
10	66.0	29.086	-.107	28.979	29.92	49.2	49.2	49	100	.347	49.2	38.0	SE	10			.49	10	Nb	SE	Lt. Rain			10
11	66.0	29.139	-.108	29.031	29.96	44.3	42.8	41	89	.256	54.0	44.3	SW	6			T	10	St	SW	Cloudy			11
12	62.5	29.252	-.099	29.153	30.08	41.2	40.2	39	92	.237	44.0	40.1	S	4			0	10	St	S	Cloudy			12
13	64.5	29.152	-.104	29.048	29.99	38.0	37.0	36	91	.211	41.0	36.3	NE	12			.01	9	St	N	Cloudy			13
14	65.5	29.084	-.101	28.983	29.92	41.2	37.7	33	73	.187	48.5	37.3	N	8			0	0	0	0	Clear			14
15	66.0	29.189	-.108	29.081	30.02	39.2	35.7	31	72	.172	50.0	34.1	N	9			0	0	0	0	Clear			15
16	67.0	29.174	-.110	29.064	29.99	45.1	42.6	40	82	.247	56.0	41.3	W	5			0	0	0	0	Clear			16
17	67.0	29.252	-.111	29.141	30.07	46.2	41.2	35	65	.203	61.0	43.4	NE	5			0	0	0	0	Clear			17
18	69.0	29.116	-.115	29.001	29.92	55.0	50.0	46	71	.310	65.0	51.9	SW	8			0	0	0	0	Clear			18
19	69.0	29.405	-.117	29.288	30.23	40.0	37.0	33	76	.187	62.0	38.1	N	10			0	0	0	0	Clear			19
20	68.0	29.683	-.115	29.568	30.52	30.0	27.0	22	68	.113	48.0	29.1	NE	10			0	0	0	0	Clear			20
21	66.0	29.690	-.109	29.581	30.53	38.0	33.9	28	66	.150	47.0	35.2	SE	12			0	2	Ci St.	W	Clear			21
22	66.0	29.342	-.108	29.234	30.16	52.2	44.2	35	52	.203	59.0	49.1	SW	10			0	0	0	0	Clear			22
23	69.0	29.316	-.116	29.200	30.12	64.1	55.6	49	58	.347	72.0	60.8	SW	12			0	1	Ci	W	Clear			23
24	70.5	29.287	-.120	29.167	30.09	64.0	53.7	45	51	.298	69.5	58.1	S	12			0	0	0	0	Clear			24
25	72.0	29.315	-.124	29.191	30.11	54.8	49.8	46	71	.310	70.0	54.0	N	6			0	10	St	SW	Cloudy			25
26	68.0	29.264	-.113	29.151	30.08	41.4	40.4	39 (3.18)	92 (.88)	.237 (.28)	46.0	41.1	NW	10			.16	10	Nb	NW	Lt. Rain			26
27	67.0	29.202	-.110	29.092	30.03	40.5	39.0	~~40~~	~~76~~	~~.247~~	53.1	37.8	NW	7			.22	1	Ci Cu	NW	Clear			27
28	64.0	29.072	-.102	28.970	29.91	39.4	38.9	38	96	.228	41.5	38.4	N	14			.08	10	Nb	N	Lt Rain			28
29	66.0	29.282	-.108	29.174	30.10	45.0	42.0	39	79	.237	51.0	41.9	N	12			0	0	0	0	Clear			29
30	67.0	29.465	-.111	29.354	30.29	46.0	43.0	40	79	.247	58.0	42.1	E	6			0	0	0	0	Clear			30
31																								31
Sums		(a)	(a)	875.308	903.36	1331.9	1242.5	1142	2379	7.219	(a)	(a)	(a)	288	(a)	(a)	1.16	127	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.177	30.112	44.4	41.4	38.1	79.3	.241	(a)	(a)	(c) N-SW	9.6	(a)	(a)	(a)	4.2	(c) St	(c) SW W	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of April, 1913

Number of Station barometer, 656; sum of corrections, .009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	71.0	29.324	.121	29.203	30.13	50.5	47.5	44	81	.287	55.9	41.4	NW	6	28	W	0	Few	St	W	Clear			BAS.	1
2	73.0	29.002	.125	28.877	29.81	52.0	48.0	44	75	.287	60.0	43.0	E	7			.04	Few	St	SE	Clear			BAS.	2
3	70.0	28.968	.118	28.850	29.76	64.2	60.7	58	82	.482	65.1	61.0	SW	14	36	SW	.09	10	St	SW	Cloudy			N.H.C.	3
4	66.0	29.300	.108	29.192	30.12	38.0	36.0	33	83	.187	58.4	37.5	W	16	33	W	.01	10	St	W	Cloudy			BAS.	4
5	67.0	29.442	.111	29.331	30.28	41.0	38.0	34	77	.195	48.0	37.0	NW	10	26	W	0	0	0	0	Clear			BAS.	5
6	70.0	29.434	.119	29.315	30.27	40.0	37.0	33	76	.187	47.5	33.5	NW	8	25	NW	0	0	0	0	Clear			BAS	6
7	69.0	29.548	.117	29.431	30.39	36.0	34.5	32	87	.180	40.3	31.4	E	8			0	10	St	E	Cloudy			BAS.	7
8	69.0	29.504	.117	29.387	30.35	40.0	37.0	33	76	.187	46.5	29.8	E	16			0	10	St	E	Cloudy			BAS.	8
9	69.0	29.271	.116	29.155	30.10	38.0	38.0	38	100	.228	38.2	35.0	E	16			.30	10	Nb	E	Ft Rain			BAS.	9
10	67.0	29.018	.110	28.908	29.84	54.0	54.0	54	100	.417	58.0	49.2	SE	4			.78	10	Nb	SE	Ft Rain			BAS	10
11	67.5	29.191	.112	29.079	30.02	44.0	43.5	43	96	.277	45.5	40.6	SW	7			.01	10	St	SW	Cloudy			BAS.	11
12	67.0	29.232	.110	29.122	30.06	41.0	40.0	39	92	.237	44.0	40.0	NE	8			T	Few	St	N	Clear			BAS	12
13	65.0	29.060	.104	28.956	29.90	48.5	46.0	44	83	.287	48.9	38.0	N	6			0	8	St	N	Cloudy			N.H.C.	13
14	69.0	29.128	.116	29.012	29.95	50.0	46.5	43	77	.277	56.0	41.2	N	11			0	0	0	0	Clear			B.A.S.	14
15	71.0	29.136	.121	29.015	29.95	56.0	53.0	51	82	.373	59.7	39.2	N	3			0	Few	St	N	Clear			BAS.	15
16	69.5	29.126	.117	29.009	29.94	61.0	57.0	54	79	.417	73.0	45.1	N	8			0	0	0	0	Clear			BAS.	16
17	69.5	29.098	.116	28.972	29.90	65.0	60.5	58	78	.482	72.4	46.2	S	12			0	0	0	0	Clear			BAS.	17
18	70.0	29.146	.118	29.028	29.95	62.0	58.5	56	81	.448	74.8	55.0	NW	12	29	W	0	8	St	W	Cloudy			BAS.	18
19	70.0	29.518	.119	29.399	30.35	48.0	45.5	43	83	.277	57.0	40.0	NW	13			0	8	St	NW	Cloudy			B.A.S.	19
20	70.0	29.660	.120	29.540	30.49	47.0	44.0	41	79	.256	50.6	30.0	E	4			0	0	0	0	Clear			B.A.S.	20
21	68.0	29.451	.114	29.337	30.28	59.0	50.5	43	55	.277	63.8	38.0	S	8			0	0	0	0	Clear			B.A.S.	21
22	70.0	29.214	.118	29.096	30.02	72.0	62.5	58	59	.482	78.1	52.2	SW	12			0	10	St	S	Cloudy			BAS.	22
23	72.0	29.254	.124	29.130	30.05	69.5	58.0	50	50	.360	78.0	64.1	S	10	29.	SW	0	10	St	S	Cloudy			BAS	23
24	73.0	29.234	.126	29.108	30.03	70.0	57.0	47	44	.322	77.8	64.0	S	14	26	S	0	9	St	S	Cloudy			B.A.S.	24
25	70.0	29.278	.119	29.159	30.09	46.0	46.0	46	100	.310	65.0	45.5	NW	12			.05	10	Nb	NW	Ft Rain			B.A.S.	25
26	70.0	29.224	.118	29.106	30.05	53.0	50.1	47	82	.322	56.0	41.4	N	3			.02	5	St	N	Pt Cloudy			N.H.C.	26
27	66.0	29.174	.108	29.066	30.01	41.5	41.5	42	100	.266	52.3	40.5	NW	12			.05	10	Nb	NW	Ft Rain			B.A.S.	27
28	68.0	29.128	.113	29.015	29.96	51.0	47.5	44	78	.287	55.0	38.9	N	10			.04	5	Cast	NW	Pt Cloudy			BAS	28
29	69.0	29.330	.116	29.214	30.14	58.0	53.0	49	72	.347	63.0	45.0	NE	6			0	0	0	0	Clear			B.A.S.	29
30	70.0	29.372	.119	29.253	30.18	66.0	54.0	44	45	.287	70.4	46.0	SE	4			0	0	C	0	Clear			B.A.S	30
31																									31
Sums	(a)	(a)	(a)	874.265	902.37	1562.3	1445.3	1344	2352	9.211	(a)	(a)	(a)	280	(a)	(a)	1.38	153	(a)	(a)	(a)	0	0	(a)	(a)
Means	(a)	(a)	(a)	29.142	30.079	52.1	48.2	44.8	78.4	.307	(a)	(a)	(c) NW	9.3	(a)	(a)	(a)	(c) St ~~NW~~	(c) ~~NW~~	(c) X	(a)	(a)	(a)	(a)	(a)

5.1 - St - N-NW

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of April, 1913

Date.	TEMPERATURE. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean. (Max. and Min.) (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	PRECIPITATION. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (Mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. * ††	Snow unmelted. 7 p.m. to 7 p.m. * ††	Hail, sleet, and snow on ground at 7 p.m. * ††	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
1	56	39	17	0	48																0								1
2	60	43	17	4	52																.05								2
3	65	50	15	6	58																.13								3
4	62	38	24	8	50																.01								4
5	48	33	15	10	40																0								5
6	48	30	18	1	39																0								6
7	40	27	13	5	34																0								7
8	46	28	18	3	37																0								8
9	41	35	6	1	38																.51								9
10	58	41	17	12	50																.20								10
11	50	41	9	4	46																.01								11
12	44	40	4	4	42																.01								12
13	49	36	13	0	42																0								13
14	56	37	19	4	46																0								14
15	60	34	26	1	47																0								15
16	73	41	32	10	57																0								16
17	72	43	29	1	58																0								17
18	75	52	23	6	64																0								18
19	57	38	19	16	48																0								19
20	51	29	22	8	40																0								20
21	64	35	29	16	50																0								21
22	78	49	29	14	64																0								22
23	78	61	17	6	70																0								23
24	78	58	20	2	68																0								24
25	65	44	21	14	54																.15								25
26	56	41	15	6	48																.30								26
27	52	38	14	3	45																.11								27
28	55	38	17	1	46																.06								28
29	63	42	21	6	52																0								29
30	70	42	28	4	56																0								30
31																													31
S----	1770	1203	567	170	1489		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	2.35		Total excess or deficiency since January 1,		0	0	(a)	(a)	(a)
M----	59.0	40.1	18.9	5.7	49.6	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^{d}—dry snow, S^{m}—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

8—154

SUMMARY FOR THE MONTH OF April, 1913., 191

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.005)

STATION.

Mean. 8 a. m.	Mean. 8 p. m.	Mean. Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.177	29.142	29.160	29.581	21	28.793	3	.788
Corrected mean		29.155					

REDUCED.

Mean. 8 a. m.	Mean. 8 p. m.	Mean. Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
30.112	30.079	30.096	30.53	21	29.70	3	0.83
Corrected mean		30.091	3,500-ft.		10,000-ft.		

TEMPERATURE.

MEAN.

Dry. 8 a. m.	Dry. 8 p. m.	Dry. (8+8)÷2 (g)	Wet. 8 a. m.	Wet. 8 p. m.	Wet. Monthly. (g)	Max.	Min.	Monthly. (g)
44.4	52.1	48.2	41.4	48.2	44.8	59.0	40.1	49.6

Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)
—	—	—

Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
78	22 ~~23~~	27	7	51	32	16	4	12

Dew-point. 8 a. m.	Dew-point. 8 p. m.	Dew-point. Monthly. (g)	Relative Humidity. 8 a. m.	Relative Humidity. 8 p. m.	Relative Humidity. Monthly. (g)	Vapor Pressure. 8 a. m.	Vapor Pressure. 8 p. m.	Vapor Pressure. Monthly. (g)
38.1	44.8	41.4	79.3	78.4	78.8	.241	.307	.274

Number of days with—(j)

Maximum. 32° or below.	Maximum. 90° or above.	Minimum. 32° or below.	Minimum. Zero or below.
0	0	4	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)
8147	11.3	N	36	SW	3

Number of Times Wind Observed from the—

N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
12	6	8	5	6	9	5	9	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.
4.2	5.1	4.4	61	16	3	11

Number of Days with Precipitation (Mid. to Mid.).

Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
0	2	9

(9)

MISCELLANEOUS PHENOMENA.

Dates of—(midnight to midnight).

Frosts. Light.	Frosts. Heavy.	Frosts. Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Fog. Dense.	Haze. Light.	Haze. Dense.	Smoke. Light.	Smoke. Dense.	Hail.	Aurora.
15 21-27	0	20	3	0	0	0	0	0	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Am't.	Greatest amount in 24 consecutive hours. Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Am't.	Duration. h.	Duration. m.	Date. (k)	1 inch per hour. (l) Am't.	Duration. h.	Duration. m.	Date. (k)
2.54	1.29	9-10	—	0		—	—	0		—

Number of days with—(Mid. to Mid.).

Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	Snow. .01 or more melted.	Snow. Total Depth. (o)	Snow. Average Depth at End of Month.
0	11	8	3	1	11	0	0	0	0

(w) Maximum precipitation in 5 minutes .12, date 10; 10 minutes .20, date 10; 15 minutes .23, date 10;
30 minutes .32, date 10; 1 hour .43, date 10; 2 hours .51, date 10

EXCESSIVE.

Date.	Total Duration. From—	Total Duration. To—	Total am't of precipitation.	Excessive Rate. Began—	Excessive Rate. Ended—	Am't before excessive began.	Accumulated Depths during Excessive Rate, for Consecutive Periods of Time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
				None.																

*The duration is the time precipitation was actually recorded.

8—154

Prepared by W. S. Palmer, L. T., Weather Bureau.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at ....., *for the Month of* ....., *191*

Number of Station barometer, ...; *sum of corrections,* ..... *inch.*

Date.	SPECIAL OBSERVATIONS.																								Date.
	Time.		Barometer.					Thermometers.		Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind.				Precipitation. ††	Clouds.			State of Weather.	Special Phenomena.	Initials of Observer.	
	75th Mer.	Local (standard).	Attached thermometer.	Observed reading.	Total correction.	Station. (Observed reading plus total cor.)	Reduced to sea-level.	Dry.	Wet.					Direction.	Velocity. †	Max. since last observation.	Direction.		Am't.	Kind.	Dir. from.				
								None																	

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation. 8—154

Form No. 1001—Met'l. (1913 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne. Ind

For the Month of May, 1913

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

† Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date No; amount of change in height of barometer, ____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20 1911; station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Cor Berry & Calhoun street, room 911—912; first observation taken in present office, 7.00 a. m. May 20, 1911

* Cancel words that are not appropriate.

† To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of May, 1913

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
	In.			In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	67.5	29.400	-.113	29.287	30.22	56.0	48.0	40	55	.247	66.0	51.2	S	6			0	0	0	0	Clear		H.H.C.	1
2	71.5	29.348	-.122	29.226	30.15	62.4	50.4	39	41	.237	73.0	57.1	S	10			0	0	0	0	Clear		H.H.C.	2
3	75.0	29.312	-.132	29.180	30.10	64.0	55.0	48	56	.334	77.0	61.7	S	7			0	4	A. Cu.	SW	Pt. Cloudy		H.H.C.	3
4	76.0	29.376	-.135	29.241	30.16	64.5	56.0	50	58	.360	75.0	62.0	S	8			0	7	A St	S	Pt Cloudy		B.A.S.	4
5	76.0	29.451	-.135	29.316	30.24	67.2	58.7	53	60	.402	73.0	63.4	SW	10			0	9	A. St	SW	Cloudy		H.H.C.	5
6	76.0	29.388	-.135	29.253	30.18	55.5	53.0	52	85	.387	76.0	53.2	NW	10			0	10	St.	NW	Cloudy		H.H.C.	6
7	72.5	29.498	-.126	29.372	30.31	45.1	40.6	35	68	.203	57.0	42.8	NE	10			0	0	0	0	Clear		H.H.C.	7
8	70.5	29.458	-.121	29.337	30.28	48.1	42.6	36	63	.211	57.5	41.9	E	3			0	0	0	0	Clear		H.H.C.	8
9	70.0	29.506	-.119	29.387	30.33	49.1	49.1	49	100	.347	65.0	49.1	NE	10			.01	10	Nb	NE	Lt. Rain		H.H.C.	9
10	70.0	29.664	-.120	29.544	30.49	36.9	34.4	31	79	.172	53.0	33.4	NE	8			0	0	0	0	Clear		H.H.C.	10
11	66.5	29.526	-.110	29.416	30.37	42.0	37.0	30	62	.164	49.0	33.5	N	2			0	0	0	0	Clear		B.A.S.	11
12	65.0	29.306	-.105	29.201	30.13	46.4	38.4	27	46	.143	56.5	40.2	S	14			0	0	0	0	Clear		H.H.C.	12
13	66.0	29.160	-.108	29.052	29.97	60.1	51.6	44	56	.287	65.0	53.3	W	5			0	1	Ci	W	Clear		H.H.C.	13
14	68.0	29.233	-.113	29.120	30.04	52.7	52.7	53	100	.402	65.3	51.9	NE	12			.47	10	Nb	NE	Lt. Rain		H.H.C.	14
15	66.5	29.108	-.108	29.000	29.93	55.5	53.0	52	85	.387	56.0	49.0	E	2			0	8	Ci	W	Cloudy		H.H.C.	15
16	69.0	29.163	-.116	29.047	29.97	52.4	49.9	47	84	.322	67.0	49.4	NW	8			0	10	Ci St.	W	Cloudy		H.H.C.	16
17	68.5	29.124	-.114	29.010	29.93	56.0	54.0	53	88	.402	62.0	47.2	SW	8			0	1	A. St	SW	Clear		H.H.C.	17
18	69.0	29.220	-.116	29.104	30.02	55.5	51.5	48	76	.334	61.5	50.0	W	5			0	1	St	W	Clear		H.H.C.	18
19	69.0	29.379	-.117	29.262	30.20	54.8	47.8	41	60	.256	56.5	46.3	NW	2			0	1	A St.	W	Clear		H.H.C.	19
20	68.0	29.345	-.113	29.232	30.15	53.2	49.7	46	78	.310	64.0	51.2	E	8			T	7	St	SE	Pt Cloudy		H.H.C.	20
21	70.0	29.055	-.118	28.937	29.85	65.1	60.1	57	75	.465	65.1	54.2	S	12			.61	2	A St	W	Clear		H.H.C.	21
22	69.0	29.096	-.115	28.981	29.90	53.0	51.0	49	88	.347	66.1	52.8	W	8			.09	10	St	W	Cloudy		H.H.C.	22
23	66.0	29.124	-.107	29.017	29.95	50.1	49.1	48	93	.334	52.5	49.1	W	6			0	10	St	W	Cloudy		H.H.C.	23
24	66.0	29.255	-.108	29.147	30.08	45.2	44.2	43	93	.277	53.0	41.8	NW	6			0	8	St	NW	Cloudy		H.H.C.	24
25	67.5	29.235	-.112	29.123	30.04	56.0	55.0	54	94	.417	64.2	56.0	SW	8			T	10	Nb St	SW	Lt. Rain		H.H.C.	25
26	68.0	29.195	-.113	29.082	30.01	45.8	45.8	46	100	.310	61.0	45.8	E	10			.34	10	Nb	E	Lt. Rain		H.H.C.	26
27	66.5	29.041	-.108	28.933	29.86	50.0	48.0	46	87	.310	54.0	48.1	N	14			.14	9	St	N	Cloudy		H.H.C.	27
28	68.0	29.157	-.113	29.044	29.96	54.0	48.0	42	65	.266	64.0	48.2	SW	6			0	10	St	W	Cloudy		H.H.C.	28
29	70.0	29.162	-.118	29.044	29.96	57.1	57.1	57	100	.465	74.5	57.1	NE	5			.04	10	Nb	NW	Lt. Rain		H.H.C.	29
30	70.0	28.966	-.118	28.848	29.76	61.0	60.0	59	94	.499	64.5	58.3	N	3			0	10	St. Fr. Fog	NE NW	Cloudy		B.A.S.	30
31	72.0	29.266	-.124	29.142	30.06	61.1	51.1	51	68	.378	68.8	55.2	N	2			0	10	St Cu	NW	Cloudy		H.H.C.	31
Sums		(a)	(a)	903.885	932.60	1675.8	1542.8	1426	2357	9967 70	(a)	(a)	(a)	228	(a)	(a)	170	178	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.158	30.084	54.1	49.8	46.0	76.0	.322	(a)	(a)	(c) S	7.4	(a)	(a)	(a)	5.7	(c) St	(c) W	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of May, 1913

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min.	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
	In.	In.	In.	In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	73.0	29.306	-.126	29.180	30.10	73.0	57.0	44	36	.287	81.0	56.0	S	8			0	0	o	o	Clear			BAS.	1
2	77.0	29.258	-.137	29.121	30.03	77.0	60.0	48	36	.334	84.3	62.4	S	7			0	Few	A.St	S	Clear			BAS.	2
3	77.5	29.280	-.138	29.142	30.05	75.0	60.0	50	41	.360	81.3	64.0	S	10	31	SW	0	2	A.St	SW	Clear			NHC.	3
4	77.0	29.406	-.138	29.268	30.19	73.0	64.0	59	61	.499	82.3	64.5	SW	8	31	SW	0	10	St	S	Cloudy			BAS.	4
5	78.0	29.282	-.139	29.143	30.05	76.0	59.0	46	35	.310	83.2	67.2	S	16	30	SW	0	10	A.St	S	Cloudy			BAS.	5
6	75.5	29.394	-.134	29.260	30.20	57.0	52.0	48	72	.334	66.5	53.5	NW	14			0	Few	A.St	NW	Clear			BAS.	6
7	72.5	29.422	-.126	29.296	30.24	57.5	50.0	44	60	.287	62.2	45.1	NE	6			0	0	o	o	Clear			BAS.	7
8	72.0	29.368	-.124	29.244	30.17	65.0	57.5	52	64	.387	70.0	48.1	N	3			0	6	A.St	NW	P.Cloudy			BAS.	8
9	71.5	29.512	-.123	29.389	30.33	53.0	47.0	41	64	.256	59.8	48.0	N	12			T	Few	A.St	N	Clear			BAS.	9
10	70.0	29.540	-.119	29.421	30.37	49.0	44.0	39	67	.237	52.1	36.9	NE	6			0	0	o	o	Clear			H.T.C.	10
11	67.0	29.336	-.111	29.225	30.15	56.5	49.5	44	61	.287	61.5	42.0	SE	6			0	0	o	o	Clear			BAS.	11
12	67.5	29.054	-.111	28.943	29.87	65.0	57.5	52	64	.387	69.0	46.4	SW	10			0	Few	A.St	S	Clear			BAS.	12
13	69.0	29.076	-.115	28.781	29.90	65.3	65.3	65	100	.616	76.6	60.1	N	12			.03	10	Nb	N	Ft. Rain			BAS.	13
14	68.0	29.172	-.113	29.059	29.99	56.0	52.5	50	79	.360	61.2	52.0	E	22			.01	7	A.St.	E	P.Cloudy			BAS.	14
15	70.5	29.022	-.119	28.903	29.82	67.0	66.0	65	95	.616	81.8	55.5	SW	10	37	SW	.01	10	St	SW	Cloudy			BAS.	15
16	70.0	29.138	-.118	29.020	29.95	62.0	56.0	52	69	.387	65.1	52.4	O	0			0	10	A.St	W	Cloudy			BAS.	16
17	70.0	29.116	-.118	28.998	29.92	61.5	60.5	60	94	.517	77.4	56.0	SW	8			.32	7	St	SW	P.Cloudy			BAS.	17
18	71.0	29.322	-.121	29.201	30.13	56.5	49.0	42	58	.266	64.7	55.5	NW	7			0	Few	A.St	NW	Clear			BAS.	18
19	69.0	29.324	-.116	29.208	30.13	64.0	58.0	54	70	.417	66.6	54.8	NE	4			0	10	St	E	Cloudy			BAS.	19
20	71.0	29.140	-.121	29.019	29.94	64.0	55.0	48	56	.334	71.4	53.2	E	20			0	8	St	E	Cloudy			BAS.	20
21	72.0	28.992	-.123	28.869	29.78	65.0	64.0	63	95	.575	78.0	64.5	SW	9	27	SW	.20	10	St	S	Cloudy			BAS.	21
22	68.0	29.138	-.113	29.025	29.95	52.5	51.0	50	91	.360	54.7	41.8	SW	6			0	10	St	SW	Cloudy			BAS.	22
23	68.5	29.184	-.114	29.070	30.00	53.0	49.0	45	75	.298	55.4	50.1	NW	6			0	10	St	NW	Cloudy			BAS.	23
24	69.0	29.208	-.116	29.092	30.02	64.8	58.2	54	70	.417	69.8	45.2	SW	8			0	5	St	SW	P.Cloudy			H.T.C.	24
25	68.5	29.264	-.115	29.149	30.07	61.0	56.0	52	74	.387	69.5	56.0	NE	10			0	9	St	N	Cloudy			BAS.	25
26	68.5	28.924	-.114	28.810	29.73	54.0	54.0	54	100	.417	54.6	45.8	NE	15			1.50	10	Nb	NE	H. Rain			BAS.	26
27	69.0	29.104	-.115	28.989	29.92	64.0	57.0	52	66	.387	67.2	50.0	NW	7			0	0	o	o	Clear			BAS.	27
28	72.0	29.076	-.123	28.953	29.86	74.5	66.0	62	64	.555	78.8	54.0	NW	5			0	0	o	o	Clear			BAS.	28
29	71.0	29.038	-.120	28.918	29.84	64.5	61.0	58	82	.482	70.8	57.1	E	11			T	4	A.St	E	P.Cloudy			BAS.	29
30	73.0	29.126	-.126	29.000	29.92	68.8	63.8	61	77	.536	78.2	61.0	NW	5			0	9	St	NW	Cloudy	B.D.N.a E.7.30a		H.T.C.	30
31	76.0	29.186	-.134	29.052	29.96	74.8	65.0	60	60	.517	80.2	61.1	N	4			0	0	o	o	Clear			BAS.	31
Sums		(a)	(a)	901.948	930.58	1969.6	1764.8	1614	2136	12.409	(a)	(a)	(a)	275	(a)	(a)	2.07	157	(a)	(a)	(a)			(a)	(a)
Means		(a)	(a)	29.095	30.019	63.5	56.9	52.1	68.9	.400	(a)	(a)	(c) SW	8.9	(a)	(a)	(a)	5.1	(c) A St St	(c) S SW NW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at [illegible], for the Month of May, 1913

Date.	TEMPERATURE. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean. (Max. and Min.) (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	PRECIPITATION. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (Mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. * ††	Snow unmelted. 7 p.m. to 7 p.m. * ††	Hail, sleet, and snow on ground at 7 p.m. * ††	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
1 Thursday	81	57	30	10	66																0								1
2	84	57	27	4	70																0								2
3	81	62	19	2	72																0								3
4	82	62	20	0	72																0								4
5	83	63	20	1	73																0								5
6	66	50	~~16~~ 16	15	58																0								6
7	62	43	19	6	52																0								7
8	70	42	28	4	56																0								8
9	60	41	19	6	50																.01								9
10	52	33	19	8	42																0								10
11	62	34	28	6	48																0								11
12	69	40	29	6	54																0								12
13	77	53	24	11	65																.28								13 R
14	61	50	11	9	56																.23								14 R
15	82	49	33	10	66																.01								15
16	65	49	16	9	57																0								16
17	77	47	30	5	62																.32								17 R
18	65	50	15	4	58																0								18
19	67	46	21	2	56																0								19
20	71	51	20	5	61																.04								20
21	78	54	24	5	66																.86								21 R R R
22	63	51	12	9	57																0								22
23	55	46	9	7	50																0								23
24	70	42	28	6	56																0								24
25	70	53	17	6	62																T								25
26	55	46	9	12	50																1.98								26
27	67	48	19	8	58																0								27
28	79	48	31	6	64																0								28
29*	71	57	14	0	64																.04								29
30	78	58	20	4	68																0								30
31	80	55	25	0	68																0								31
S.	2183	1531	652	186	1857		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	3.77		Total excess or deficiency since January 1,		0	0	(a)	(a)	(a)
M.	70.4	49.4	21.0	6.6	59.9	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S[d]—dry snow, S[m]—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

8—154

SUMMARY FOR THE MONTH OF May, 1913

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.005)

STATION.

Mean. 8 a. m.	Mean. 8 p. m.	Mean. Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.158	29.095	29.126	29.544	10	28.810	26	0.734
Corrected mean		29.121					

REDUCED.

Mean. 8 a. m.	Mean. 8 p. m.	Mean. Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
30.084	30.019	30.052	30.49	10	29.73	26	0.76
Corrected mean		30.047	3,500-ft		10,000-ft		

TEMPERATURE.

MEAN.

Dry. 8 a. m.	Dry. 8 p. m.	Dry. (8+8)÷2 (g)	Wet. 8 a. m.	Wet. 8 p. m.	Wet. Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)
54.1	63.5	58.8	49.8	56.9	53.4	70.4	49.4	59.9			

Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
84	2	33	10	51	33	15	9	26

Dew-point. 8 a. m.	Dew-point. 8 p. m.	Dew-point. Monthly. (g)	Relative Humidity. 8 a. m.	Relative Humidity. 8 p. m.	Relative Humidity. Monthly. (g)	Vapor Pressure. 8 a. m.	Vapor Pressure. 8 p. m.	Vapor Pressure. Monthly. (g)
46.0	52.1	49.0	76.0	68.9	72.4	.322	.400	.361

Number of days with—(j) Maximum. 32° or below.	Maximum. 90° or above.	Minimum. 32° or below.	Minimum. Zero or below.
0	0	0	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)
6621	8.9	SW	37	SW	15

Number of Times Wind Observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
8	10	7	1	10	11	4	10	1

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.
5.7	~~6.0~~ 5.1	4.4	62

Number of Days. Clear.	Partly cloudy.	Cloudy.
12	11	8

Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
0	4	5

MISCELLANEOUS PHENOMENA.

Dates of—(midnight to midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Fog. Dense.	Haze. Light.	Haze. Dense.	Smoke. Light.	Smoke. Dense.	Hail.	Aurora.
10-12	11	0	13, 14, 17, 21	0	0	0	30	0	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Am't.	Date. (k)	Excessive. 2.50 inches in 24 hours. (l) * Am't.	Duration. h.	m.	Date. (k)	1 inch per hour. (l) Am't.	Duration. h.	m.	Date. (k)
3.77	1.98	26	—	0		—	—	0		—

Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	Snow. .01 or more melted.	Snow. Total Depth. (o)	Snow. Average Depth at End of Month.
1	9	7	4	1	10	0	0	0	0

(w) Maximum precipitation in 5 minutes .16, date 21st; 10 minutes .25, date 21st; 15 minutes .28, date 21st;
30 minutes .41, date 21st; 1 hour .47, date 21; 2 hours .57, date 21st

EXCESSIVE.

Date.	Total Duration. From—	To—	Total am't of precipitation.	Excessive Rate. Began—	Ended—	Am't before excessive began.
None.						

Accumulated Depths during Excessive Rate, for Consecutive Periods of Time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

*The duration is the time precipitation was actually recorded.

8—154

Prepared by W. S. Palmer L. F., Weather Bureau.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of May, 1913

Number of Station barometer, 656; sum of corrections, .009 inch.

SPECIAL OBSERVATIONS.

Date.	Time. 75th Mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation. Direction.	Precipitation. ††	Clouds. Am't.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
9"	Noon 12.00	11:00A	71.0	29.539	-.122	29.417	30.36	50.0	48.4	47	3	89	50.5	NE	6		T	10	St	NE	Cloudy		HHC	9"

Called for 5 inches

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation. 8—154

Form No. 1001—Met'l. (1913 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne. Ind

For the Month of June, 1913

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, ...; No. of wet thermometer in use, ...; No. of maximum thermometer in use, ...; No. of minimum thermometer in use, ...

† Elevation above ground of the dry thermometer, ... feet; rain gage, ... feet; anemometer, ... feet.

If the office has been moved during the month, give date No; amount of change in height of barometer, ... feet (higher or lower).

No. of extra barometer, ~~675~~ 676; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20. 1911, 7 oo a.m.; station elevation, 836 feet; actual elevation, 836 feet.

Location of office: Number Cor Berry & Calhoun street, room 911-912; first observation taken in present office, 7 oo a m. May 20, 1911

* Cancel words that are not appropriate.

† To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of June, 1913

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure.	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	75.0	29.120	-.131	28.989	29.89	71.0	65.0	62	73	.555	74.8	63.8	SW	12			0	2	A.St.	SW	Clear		BAS	1
2	75.0	29.306	.132	29.174	30.09	57.0	53.0	50	77	.360	74.5	54.0	E	11			0	0	0	0	Clear		BAS	2
3	74.0	29.108	-.128	28.980	29.89	65.5	59.0	54	68	.417	70.0	58.7	S	8			0	Few	A.St	S	Clear		BAS.	3
4	75.0	29.360	-.132	29.228	30.15	57.0	52.0	48	72	.334	69.8	51.6	NE	10			0	0	0	0	Clear		BAS.	4
5	74.0	29.448	-.130	29.318	30.25	61.0	52.0	44	54	.287	68.4	54.8	SE	8			0	Few	A.St.	SE	Clear		BAS.	5
6	73.0	29.236	-.126	29.110	30.02	69.0	60.0	54	59	.417	72.7	60.0	SW	12			0	1	A.St	SW	Clear		BAS.	6
7	77.5	29.302	-.138	29.164	30.08	55.0	55.0	55	100	.432	81.0	55.0	NE	13			.02	10	Nb	N	Ft. Rain		BAS.	7
8	71.5	29.526	-.123	29.403	30.34	46.0	40.0	32	59	.180	55.0	39.2	NE	12			0	0	0	0	Clear		MFC	8
9	68.0	29.674	-.115	29.559	30.51	47.5	40.0	30	50	.164	52.8	40.2	NE	17			0	0	0	0	Clear		BAS	9
10	68.5	29.766	-.116	29.650	30.60	51.0	46.0	41	69	.256	58.0	42.0	NE	6			0	0	0	0	Clear		BAS	10
11	68.5	29.632	-.116	29.516	30.45	53.5	48.0	42	67	.266	65.0	45.1	NE	2			0	0	0	0	Clear		BAS.	11
12	71.0	29.472	-.122	29.350	30.28	61.4	48.9	36	38	.211	72.0	51.0	NW	1			0	0	0	0	Clear		BAS	12
13	72.0	29.326	-.124	29.202	30.12	63.0	56.0	51	65	.373	73.1	53.0	SW	6			0	0	0	0	Clear		BAS.	13
14	76.0	29.258	-.134	29.124	30.03	66.0	59.0	54	66	.417	78.5	58.0	W	2			0	0	0	0	Clear		BAS	14
15	78.5	29.204	-.141	29.063	29.97	71.0	61.0	55	56	.432	82.0	65.7	SW	13			0	7	A.St.	SW	P.Cloudy		BAS.	15
16	81.5	29.278	-.149	29.129	30.03	75.5	66.0	61	61	.536	86.0	70.0	W	10			0	9	St.	W	Cloudy		BAS.	16
17	85.0	29.376	-.159	29.217	30.12	72.0	65.0	61	69	.536	89.0	68.0	SW	11	26	NW	.01	1	St	S	Clear		BAS.	17
18	85.0	29.432	-.159	29.273	30.19	68.0	63.0	60	76	.517	85.0	62.4	E	5			0	2 3	A St St	E E	P.Cloudy		BAS	18
19	83.5	29.366	-.154	29.212	30.11	75.5	64.5	58	55	.482	82.0	67.9	SW	10			0	5	A St	SW	P.Cloudy		BAS.	19
20	83.5	29.208	-.154	29.054	29.96	73.5	68.0	66	76	.638	78.0	67.0	SW	9			.02	0	0	0	Clear		BAS.	20
21	85.0	29.202	-.158	29.044	29.94	69.5	66.0	64	83	.595	84.0	66.2	NE	6			0	8	St	NE	Cloudy		BAS	21
22	78.5	29.304	-.141	29.163	30.08	61.1	56.1	52	74	.387	66.2	54.2	E	6			0	1	Ci	N	Clear		MFC	22
23	76.0	29.204	-.134	29.070	29.99	60.5	55.0	51	71	.373	69.2	52.8	E	5			0	0	0	0	Clear		BAS.	23
24	77.5	29.156	-.138	29.018	29.92	71.0	69.0	68	90	.684	76.5	67.2	S	6			0	10	St	S	Cloudy		BAS.	24
25	79.0	29.170	-.142	29.028	29.93	74.5	70.0	68	80	.684	76.0	68.5	SW	11			0	9	St	S	Cloudy		BAS	25
26	77.5	29.250	-.138	29.112	30.02	76.0	70.0	67	74	.661	76.0	69.8	SW	12			0	Few	Ci	SW	Clear		BAS.	26
27	83.5	29.336	-.154	29.182	30.08	78.5	72.0	70	73	.732	86.0	68.8	SW	6			0	0	0	0	Clear		BAS	27
28	88.5	29.296	-.167	29.129	30.02	82.0	73.0	69	65	.707	90.0	73.0	NW	6			0	0	0	0	Clear		BAS	28
29	90.0	29.288	-.171	29.117	30.01	75.0	68.0	65	70	.616	91.0	69.0	NE	4			0	Few	Ci	NE	Clear		BAS	29
30	88.5	29.252	-.167	29.085	29.98	79.5	70.0	66	62	.638	85.5	72.5	S	5			0	0	0	0	Clear		BAS.	30
31																								31
Sums	(a)	(a)		875.663	903.05	1987.0	1790.5	1654	2052	13.587	(a)	(a)	(a)	245	(a)	(a)	.05	68	(a)	(a)	(a)		(a)	(a)
Means	(a)	(a)		29.189	30.102	66.2	59.7	55.1	68.4	.463	(a)	(a)	(c) SW	8.2	(a)	(a)	(a)	2.3	(c) A St	(c) SW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of June, 1913

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
	In.	In.	In.	In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	77.5	29.098	.137	28.961	29.86	74.5	67.0	64	68	.595	78.6	66.0	NW	8	34	W	.21	7	A.St	N	Pt Cloudy			BAS	1
2	76.0	29.204	.134	29.070	29.99	70.0	57.5	48	46	.334	73.8	57.0	NE	4			0	0		0	Clear			HFC	2
3	79.0	29.142	.142	29.000	29.91	69.8	60.8	53	60	.432	80.8	65.5	NW	8			0	1	Ci A St	NW	Clear			HFC	3
4	76.0	29.336	.134	29.202	30.12	68.4	56.4	47	47	.322	71.3	57.0	E	2			0	1	Ci	W	Clear			HFC	4
5	76.0	29.300	.134	29.166	30.09	72.7	58.2	47	41	.322	76.2	61.0	SE	8			0	2	St	S	Clear			HFC	5
6	80.0	29.138	.145	28.993	29.89	81.0	70.0	65	58	.616	89.2	69.0	SW	6			0	2	St	W	Clear			HFC	6
7	75.0	29.399	.133	29.266	30.21	55.0	50.0	46	71	.310	56.4	53.1	N	14			T	10	St	N	Cloudy			HFC	7
8	72.0	29.538	.125	29.413	30.35	52.8	48.3	44	73	.287	59.4	46.0	NE	14	25	NE	0	1	St	N	Clear			HFC	8
9	71.0	29.643	.123	29.520	30.46	58.0	48.0	38	47	.228	62.4	47.5	NE	12	27	NE	0	0	0	0	Clear			HFC	9
10	70.5	29.628	.122	29.506	30.44	65.0	51.0	37	36	.219	66.8	51.0	NE	1			0	0	0	0	Clear			HFC	10
11	74.0	29.462	.130	29.332	30.26	72.0	55.0	40	32	.247	76.1	53.5	W	4			0	0	0	0	Clear			HFC	11
12	75.5	29.336	.133	29.203	30.12	73.1	57.6	46	38	.310	79.8	61.4	NW	5			0	2	St	NW	Clear			HFC	12
13	79.0	29.232	.142	29.090	30.00	78.5	62.5	52	40	.387	83.1	63.0	W	8			0	0	0	0	Clear			HFC	13
14	82.0	29.173	.150	29.023	29.92	82.0	64.0	53	37	.402	87.8	66.0	SW	6			0	0	0	0	Clear			HFC	14
15	85.0	29.184	.158	29.026	29.92	86.0	70.0	62	45	.555	90.7	71.0	SW	6			0	2	Ci	SW	Clear			BAS	15
16	90.0	29.242	.171	29.071	29.97	89.0	71.0	62	42	.555	95.0	75.5	W	6			0	2	St	W	Clear			HFC	16
17	88.5	29.334	.167	29.167	30.07	85.0	71.0	64	50	.595	91.2	72.0	NE	6			0	1	St	N	Clear			HFC	17
18	86.5	29.379	.163	29.216	30.13	82.0	69.0	63	52	.575	86.3	68.0	NE	4			T	1	St	N	Clear			HFC	18
19	88.5	29.224	.167	29.057	29.97	78.0	71.0	68	71	.684	94.8	65.2	S	4	36	W	.11	3	St	W	Clear			HFC	19
20	87.0	29.126	.163	28.963	29.85	84.0	67.0	58	41	.482	89.2	73.5	W	6	27	SW	0	6	St	SW	Pt Cloudy			HFC	20
21	81.5	29.228	.149	29.079	29.94	66.2	63.2	61	85	.536	71.4	64.3	N	3			.16	10	St	N	Cloudy			HFC	21
22	78.5	29.208	.141	29.067	29.99	69.2	61.2	56	64	.448	74.1	61.1	NE	8			0	1	St	N	Clear			HFC	22
23	78.5	29.104	.140	28.964	29.87	76.5	70.0	67	72	.661	78.2	60.5	S	5			0	10	St	S	Cloudy			HFC	23
24	80.0	29.155	.145	29.010	29.91	76.0	70.0	67	74	.661	84.3	71.0	SW	12			.08	10	St	SW	Cloudy			HFC	24
25	80.5	29.157	.146	29.011	29.91	73.1	68.1	66	78	.638	88.7	69.8	SW	8	28	SW	.08	10	St	SW	Cloudy			HFC	25
26	86.5	29.253	.162	29.091	29.99	86.0	72.0	66	51	.638	91.8	76.0	SW	6			0	1	A.St	W	Clear			HFC	26
27	90.0	29.254	.171	29.083	29.97	90.0	74.0	67	47	.661	94.1	78.5	W	5			0	0	0	0	Clear			HFC	27
28	91.5	29.216	.175	29.041	29.93	91.0	74.0	67	44	.661	96.2	82.0	NW	6			0	0	0	0	Clear			HFC	28
29	91.5	29.226	.175	29.051	29.94	85.5	73.0	68	55	.684	94.0	75.0	E	8			0	3	Ci	E	Clear			BAS	29
30	73.0	29.126	.178	28.948	29.84	89.0	77.0	72	58	.783	97.8	79.5	SW	12			T	7	a.St	SW	Pt Cloudy			BAS	30
31																									31
Sums	(a)	(a)	(a)	873.590	900.87	2279.3	1927.8	1716	1623	14.828	(a)	(a)	(a)	205	(a)	(a)	.64	93	(a)	(a)	(a)	0	0	(a)	(a)
Means	(a)	(a)	(a)	29.120	30.029	76.0	64.3	57.2	54.1	.494	(a)	(a)	(c) NE SW	6.8	(a)	(a)	(a)	3.1	(c) SX	(c) N	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of June, 1913

Date.	TEMPERATURE. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean. (Max. and Min.) (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	PRECIPITATION. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (Mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. * ††	Snow unmelted. 7 p.m. to 7 p.m. * ††	Hail, sleet, and snow on ground at 7 p.m. * ††	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
1	79	64	15	4	72																.21								1
2	74	54	20	8	64																0								2
3	81	59	22	6	70																0								3
4	71	52	19	8	62																0								4
5	76	55	21	4	66																0								5
6	89	60	29	8	74																0								6
7	71	46	25	16	58																.02								7
8	59	39	20	9	49																0								8
9	62	40	22	2	51																0								9
10	67	42	25	3	54																0								10
11	76	45	31	6	60																0								11
12	80	51	29	6	66																0								12
13	83	53	30	2	68																0								13
14	88	58	30	5	73																0								14
15	91	66	25	5	78																0								15
16	95	70	25	4	82																0								16
17	91	68	23	2	80																.01								17
18	86	62	24	6	74																T								18
19	95	65	30	6	80																.13								19
20	89	67	22	2	78																0								20
21	71	59	12	13	65																.16								21
22	74	54	20	1	64																0								22
23	78	53	25	2	66																0								23
24	84	67	17	10	76																.08								24
25	89	68	21	2	78																.08								25
26	92	71	21	4	82																0								26
27	94	69	25	0	82																0								27
28	96	73	23	2	84																0								28
29	94	69	25	2	82																0								29
30	98	72	26	3	85																T								30
31																													31
S	2473	1771	702	151	2123		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	0.69		Total excess or deficiency since January 1,		0	6	(a)	(a)	(a)
M	82.4	59.0	23.4	5.0	70.8	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)	

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^{d}—dry snow, S^{m}—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

8—154

SUMMARY FOR THE MONTH OF June, 1913.

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean .004)

STATION.								REDUCED.							
MEAN.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.	MEAN.			Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
8 a. m.	8 p. m.	Monthly. (g)						8 a. m.	8 p. m.	Monthly. (g)					
29.189	29.120	29.154	29.650	10	28.948	30	0.702	30.102	30.029	30.066	30.160	10	29.84	30	0.76
Corrected mean		29.150						Corrected mean		30.062	3,500-ft.			10,000-ft.	

TEMPERATURE.

MEAN.																			
DRY.			WET.			MAX.	MIN.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range. (i)	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
8 a. m.	8 p. m.	(8+8)÷2 (g)	8 a. m.	8 p. m.	Monthly. (g)															
66.2	76.0	71.1	59.7	64.3	62.0	82.4	59.0	70.7	–	–	–	98	30	39	8	59	31	11	12	21

DEW-POINT.			RELATIVE HUMIDITY.			VAPOR PRESSURE.			NUMBER OF DAYS WITH—(j)			
									MAXIMUM.		MINIMUM.	
8 a. m.	8 p. m.	Monthly. (g)	8 a. m.	8 p. m.	Monthly. (g)	8 a. m.	8 p. m.	Monthly. (g)	32° or below.	90° or above.	32° or below.	Zero or below.
55.1	57.2	56.2	68.4	54.1	61.2	.463	.494	.478	0	9	0	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	NUMBER OF TIMES WIND OBSERVED FROM THE—								
						N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
6180	8.6	SW	36	W	19	2	15	6	2	5	17	7	6	0

WEATHER.

MEAN CLOUDINESS.			SUNSHINE.	NUMBER OF DAYS.			NUMBER OF DAYS WITH PRECIPITATION (MID. TO MID.).		
8 a. m.	8 p. m.	Monthly. (t)	Percentage of possible.	Clear.	Partly cloudy.	Cloudy.	Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
2.3	3.1	1.9	82	25	3	2	2	3	2

MISCELLANEOUS PHENOMENA.

DATES OF—(MIDNIGHT TO MIDNIGHT).

FROSTS.			THUNDERSTORMS. (v)	WINDS. (40 miles or over.)	SOLAR HALOS.	LUNAR HALOS.	FOG.		HAZE.		SMOKE.		HAIL.	AURORA.
Light.	Heavy.	Killing.					Light.	Dense.	Light.	Dense.	Light.	Dense.		
8-9-10	0	0	1-6-17-19-25	0	0	0	0	0	0	0	0	0	0	

PRECIPITATION (in inches and hundredths). (m)

TOTAL AMOUNT.	GREATEST AMOUNT IN 24 CONSECUTIVE HOURS.		EXCESSIVE.						NUMBER OF DAYS WITH—(MID. TO MID.).								SNOW.	
			2.50 INCHES IN 24 HOURS. (l) *			1 INCH PER HOUR. (l)									SNOW.			
	Am't.	Date. (k)	Am't.	Duration. h. m.	Date. (k)	Am't.	Duration. h. m.	Date. (k)	Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Trace or more.	.01 or more melted.	TOTAL DEPTH. (o)	AVERAGE DEPTH AT END OF MONTH.
0.69	.21	1"	–	0	–	–	0	–	2	7	5	0	0	9	0	0	0	0

(v) Maximum precipitation in 5 minutes .11, date 1"; 10 minutes .15, date 1; 15 minutes .17, date 1";
30 minutes .21, date 1"; 1 hour .21, date 1"; 2 hours .21, date 1"

EXCESSIVE.

DATE.	TOTAL DURATION.		Total am't of precipitation.	EXCESSIVE RATE.		Am't before excessive began.	ACCUMULATED DEPTHS DURING EXCESSIVE RATE, FOR CONSECUTIVE PERIODS OF TIME INDICATED BELOW.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
None.																				

*The duration is the time precipitation was actually recorded.

8—154

Prepared by P. S. Palmer, L. E., Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at ....., *for the Month of* ....., *191*

Number of Station barometer, ...; *sum of corrections,* ..... *inch.*

Date.	Special Observations.																								Date.
	Time.		Barometer.					Thermometers.		Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind.				Precipitation. ††	Clouds.			State of Weather.	Special Phenomena.	Initials of Observer.	
	75th Mer.	Local (standard).	Attached thermometer.	Observed reading.	Total correction.	Station. (Observed reading plus total cor.)	Reduced to sea-level.	Dry.	Wet.					Direction.	Velocity. †	Max. since last observation.	Direction.		Am't.	Kind.	Dir. from.				

None.

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation. 8—154

Form No. 1001—Met'l. (1913 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of July, 1913

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

† Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date No; amount of change in height of barometer, ____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, .017; date and observation upon which use of station barometer commenced, May 20, 1911 7.00 a.m.; station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Cor Berry & Calhoun street, room 911-912; first observation taken in present office, 7.00 a. m. May 20, 1911

* Cancel words that are not appropriate.

† To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of July, 1913

Number of Station barometer, 6.56; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet.	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	88.0	29.202	−.165	29.037	29.93	79.0	72.0	69	71	.707	89.0	74.7	NW	10			0	4	Ci St	W	Pt Cloudy		BAS	1
2	88.0	29.276	−.166	29.110	30.02	73.0	66.0	62	69	.555	79.5	69.1	NW	4			T	4	Ci	W	Pt Cloudy		NHC	2
3	87.0	29.374	−.164	29.210	30.11	75.5	69.5	66	74	.638	86.0	70.1	SE	3			0	4	St	NW	Pt Cloudy		NHC	3
4	87.5	29.336	−.165	29.171	30.07	79.0	70.0	66	64	.638	87.0	74.8	SW	10			T	10	0	0	Clear		NHC	4
5	89.0	29.241	−.168	29.073	29.97	73.4	73.4	73	100	.810	87.0	72.1	SW	8	25	SW	.57	10	Nb	SW	Lt. Rain		NHC	5
6	82.0	29.264	−.150	29.114	30.02	69.5	65.0	62	79	.555	83.0	65.4	NW	10			0	0	0	0	Clear		NHC	6
7	80.5	29.347	−.146	29.201	30.12	59.2	54.2	50	73	.360	70.0	53.1	NW	3			0	0	0	0	Clear		NHC	7
8	88.0	29.266	−.166	29.100	30.01	66.0	58.5	54	64	.417	76.0	59.8	SW	5			0	0	0	0	Clear		NHC	8
9	79.0	29.100	−.141	28.959	29.86	68.5	65.0	64	83	.595	78.0	64.1	SW	8	37	S	.30	8	StCu	W	Cloudy		NHC	9
10	79.0	29.295	−.142	29.153	30.07	59.1	54.1	50	73	.360	73.5	53.8	N	8			0	0	0	0	Clear		NHC	10
11	78.5	29.244	−.141	29.103	30.01	62.8	55.8	51	65	.373	74.5	54.1	SE	10			0	0	0	0	Clear		NHC	11
12	79.0	28.901	−.141	28.760	29.65	70.4	63.4	59	68	.499	81.0	70.4	SW	12			.02	7	St	SW	Pt Cloudy		NHC	12
13	78.5	29.090	−.140	28.950	29.85	72.0	65.0	61	69	.536	79.0	65.9	SW	17			0	1	Ci Cu	SW	Clear		BAS	13
14	81.5	29.268	−.149	29.119	30.03	65.0	64.0	63	95	.575	88.0	63.4	NW	8	31	SW	1.56	10	St	W	Cloudy		NHC	14
15	80.0	29.356	−.145	29.211	30.12	71.4	68.4	67	86	.661	82.0	65.1	SW	3	33	NW	.58	5	St	SW	Pt Cloudy		NHC	15
16	80.5	29.438	−.147	29.291	30.21	66.1	66.1	66	100	.638	81.0	65.2	S	6			.04	10	Nb	SW	Lt. Rain		NHC	16
17	81.5	29.149	−.149	29.000	29.89	79.0	73.0	70	75	.732	84.0	75.9	W	10			0	0	0	0	Clear		NHC	17
18	83.0	29.204	−.152	29.052	29.96	69.5	66.0	64	83	.595	81.0	66.4	NW	3			0	1	a,st.	W	Clear		NHC	18
19	81.5	29.208	−.149	29.059	29.97	67.0	63.5	62	83	.555	76.5	64.3	NW	2			.02	7	St Cu	W	Pt Cloudy		NHC	19
20	80.0	29.200	−.145	29.058	29.97	64.1	59.1	56	75	.448	76.0	61.2	NW	10			0	0	0	0	Clear		NHC	20
21	78.5	29.364	−.141	29.223	30.14	62.5	58.5	56	79	.448	70.0	56.3	N	6			0	0	0	0	Clear		NHC	21
22	78.5	29.365	−.141	29.224	30.14	65.4	56.4	50	57	.360	75.0	57.9	SW	3			0	0	0	0	Clear		NHC	22
23	78.5	29.205	−.141	29.064	29.97	66.5	60.0	56	68	.448	79.0	62.7	SW	8			0	10	St	SW	Cloudy		NHC	23
24	77.0	29.200	−.137	29.063	29.97	66.8	62.3	60	78	.517	70.0	63.2	NW	4			0	7	A. Cu.	NW	Pt Cloudy		NHC	24
25	76.0	29.406	−.135	29.271	30.20	60.5	55.5	52	74	.387	69.0	53.8	NE	6			0	2	Ci	SW	Clear		NHC	25
26	73.0	29.306	−.126	29.180	30.10	65.0	57.0	51	62	.373	71.5	55.5	SE	4			0	1	Ci	SE	Clear		BAS	26
27	77.0	29.206	−.137	29.069	29.97	75.5	70.0	68	76	.684	81.0	71.0	SW	8			0	2	Ci	S	Clear		BAS	27
28	80.5	29.337	−.146	29.191	30.10	74.0	69.5	67	80	.661	77.0	70.9	SW	8			.01	6	St Cu	SW	Pt Cloudy		NHC	28
29	84.5	29.353	−.157	29.196	30.10	76.0	74.0	70	83	.732	83.0	72.1	W	38			0	0	0	0	Clear		NHC	29
30	87.0	29.314	−.163	29.151	30.04	78.2	73.2	71	79	.757	88.0	76.1	SW	8			.02	0	0	0	Clear		NHC	30
31	88.5	29.358	−.167	29.191	30.09	75.5	69.0	66	72	.638	88.0	69.2	SE	1			0	0	0	0	Clear		NHC	31
Sums		(a)	(a)	902.551	930.66	2155.4	1997.4	1902	2357	17.232	(a)	(a)	(a)	209	(a)	(a)	3.11	99	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.115	30.021	69.5	64.4	61.4	76.0	.557	(a)	(a)	(c) SW	6.7	(a)	(a)	(a)	3.2	(c) St	(c) SW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of July, 1913

Number of Station barometer, 656; sum of corrections, −.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity.	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	88.0	29.206	.165	29.041	29.93	79.5	69.0	64	59	.595	92.8	79.0	NW	4			T	10	St	SW	Cloudy			HFC	1
2	88.5	29.258	.167	29.091	29.99	86.0	78.0	75	70	.866	90.9	73.0	E	5			0	0	0	0	Clear			Bas.	2
3	91.5	29.276	.175	29.101	30.00	87.0	76.0	72	60	.783	93.8	75.5	S	7			0	5	a.St	S	Clear			Bas	3
4	91.5	29.298	.175	29.123	30.01	87.0	76.0	72	60	.783	92.6	79.0	SW	7			0	1	Ci.Cu	SW	Clear			Bas	4
5	88.5	29.152	.167	28.985	29.87	83.0	67.0	58	44	.482	91.3	72.2	NW	12	30	SW	.44	0	0	0	Clear			Bas	5
6	84.0	29.320	.156	29.164	30.08	70.0	57.0	47	44	.322	76.3	69.5	NW	16	32	NW	0	0	0	0	Clear			HFC	6
7	81.5	29.222	.149	29.073	29.98	76.0	63.0	55	48	.432	78.8	59.2	W	5			0	1	a.St	W	Clear			Bas	7
8	80.5	29.154	.146	29.008	29.92	78.0	76.0	75	91	.866	87.5	66.0	N	9			T	10	Nb	N	Ft. Rain			Bas.	8
9	82.0	29.116	.149	28.967	29.88	73.5	61.0	53	48	.402	85.8	68.5	NW	14			0	0	0	0	Clear			Bas.	9
10	80.0	29.208	.145	29.063	29.98	74.5	59.0	48	39	.334	79.5	59.1	N	6			0	0	0	0	Clear			Bas.	10
11	81.0	29.004	.146	28.858	29.77	81.0	70.0	65	58	.616	84.2	62.8	SE	12			0	10	St	SE	Cloudy			Bas	11
12	82.0	29.022	.149	28.873	29.77	79.0	63.0	53	41	.402	82.3	69.0	SW	12	34	SW	0	1	St.Cu	W	Clear			Bas	12
13	86.0	29.064	.159	28.905	29.79	88.0	75.0	70	55	.732	92.6	72.0	W	7	35	SW	0	8	St.Cu	SW	Cloudy			Bas.	13
14	83.0	29.260	.153	29.107	30.02	82.0	73.0	69	65	.707	86.8	65.0	SE	5			0	4	a.St	SE	P.Cloudy			Bas	14
15	83.5	29.372	.154	29.218	30.13	81.0	74.0	71	72	.757	85.4	71.4	E	3			0	0	0	0	Clear			Bas	15
16	84.0	29.241	.155	29.086	30.00	84.0	75.0	71	66	.757	86.0	66.1	SE	6			T	1	a.St	SE	Clear			Bas.	16
17	86.5	29.162	.162	29.000	29.89	81.0	72.0	68	64	.684	86.7	77.0	W	6			0	1	Ci	W	Clear			Bas.	17
18	83.5	29.164	.154	29.010	29.91	76.5	71.0	68	76	.684	82.0	69.5	NW	8			0	1	a.St.	NW	Clear			Bas.	18
19	83.5	29.164	.154	29.010	29.92	76.0	63.0	55	48	.432	82.7	67.0	NW	6			0	0	0	0	Clear			Bas.	19
20	81.5	29.249	.149	29.100	30.02	70.0	59.5	52	54	.387	76.8	64.1	NW	10			0	1	St	NW	Clear			HFC	20
21	80.0	29.318	.145	29.173	30.09	75.0	63.0	56	51	.448	79.8	62.5	W	4			0	0	0	0	Clear			Bas.	21
22	81.5	29.238	.149	29.089	30.00	79.0	64.0	55	44	.432	82.8	65.4	S	2			0	4	Ci.St.	S	P.Cloudy			Bas	22
23	77.5	29.138	.138	29.000	29.91	70.0	67.0	66	86	.638	79.9	66.5	SW	5			.04	10	St	S	Cloudy			Bas.	23
24	78.5	29.276	.141	29.135	30.05	69.0	58.0	50	51	.360	75.0	66.8	NW	8			0	1	Ci	NW	Clear			Bas	24
25	76.0	29.306	.134	29.172	30.09	71.5	62.0	56	58	.448	76.3	60.5	E	4			0	7	a.St	E	Pt.Cloudy			Bas.	25
26	79.0	29.196	.142	29.054	29.96	81.0	68.0	61	52	.536	85.8	65.0	SE	4			0	0	0	0	Clear			Bas.	26
27	83.5	29.228	.154	29.070	29.98	77.0	70.0	67	71	.661	91.8	74.0	W	9	29	SW	T	7	St	W	Pt.Cloudy			Bas	27
28	85.0	29.334	.158	29.176	30.08	83.0	74.0	70	66	.732	92.3	74.0	N	4			0	8	St	NW	Cloudy			Bas.	28
29	90.0	29.270	.171	29.099	30.00	88.0	77.0	73	61	.810	93.0	76.0	SW	4			0	0	0	0	Clear			Bas	29
30	88.5	29.312	.167	29.145	30.03	88.0	72.0	65	46	.616	94.9	78.2	E	5			0	8	a.St	E	Cloudy			Bas	30
31	89.0	29.286	.169	29.117	30.03	73.5	71.0	70	89	.732	94.6	72.5	NW	6			.01	10	St.Cu	N	Cloudy			B.H.S	31
Sums		(a)	(a)	901.013	929.08	2448.0	2123.5	1950	1837	19.436	(a)	(a)	(a)	215	(a)	(a)	0.49	104	(a)	(a)	(a)	0	0	(a)	(a)
Means		(a)	(a)	29.065	29.970	79.0	68.5	62.9	59.3	.595	(a)	(a)	(c) NW	6.9	(a)	(a)	(a)	3.4	(c) ASt	(c) W NW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of July, 191?

Date.	TEMPERATURE. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean. (Max. and Min.) (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	PRECIPITATION. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (Mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. * ‡‡	Snow unmelted. 7 p.m. to 7 p.m. * ‡‡	Hail, sleet, and snow on ground at 7 p.m. * ‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Tuesday 1	93	74	19	1	84																T								1
2	91	69	22	4	80																0								2
3	94	70	24	2	82																0								3
4	93	72	21	0	82																.20								4
5	91	71	20	1	81																.81								5
6	76	60	16	13	68																0								6
7	78	53	25	2	66																0								7
8	58	60	28	8	74																.30								8
9	86	63	23	0	74																0								9
10	80	56	24	6	68																0								10
11	84	54	30	1	69																0								11
12	82	69	13	7	76																.02								12
13	93	66	27	4	80																0								13
14	87	63	24	5	75																2.12								14
15	85	65	20	0	75																.02								15
16	86	65	21	1	76																.04								16
17	87	70	17	2	78																0								17
18	82	66	16	4	74																0								18
19	83	64	19	0	74																.02								19
20	77	60	17	6	68																0								20
21	80	56	24	0	68																0								21
22	83	58	25	2	70																0								22
23	80	63	17	2	72																.04								23
24	75	59	16	5	67																0								24
25	76	54	22	2	65																0								25
26	86	56	30	6	71																0								26
27	92	71	21	11	82																T								27
28	92	71	21	0	82																0								28
29	93	72	21	.0	82																0								29
30	95	75	20	3	85																.02								30
31	95	69	26	3	82																.06								31
S	2663	1994	669	101	2330		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	3.65		Total excess or deficiency since January 1,		0	0	(a)	(a)	(a)	S
M	85.9	64.3	21.6	3.3	75.2	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)	M

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S[d]—dry snow, S[m]—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

8—154

SUMMARY FOR THE MONTH OF July, 1913

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean .003)

STATION.

Mean. 8 a. m.	Mean. 8 p. m.	Mean. Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.115	29.063	29.090	29.291	16	28.760	12"	.531
Corrected mean		29.087					

REDUCED.

Mean. 8 a. m.	Mean. 8 p. m.	Mean. Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
30.021	29.970	29.996	30.21	16	29.65	12"	0.56
Corrected mean		29.993	3,500-ft			10,000-ft	

TEMPERATURE.

MEAN.

Dry. 8 a. m.	Dry. 8 p. m.	Dry. (8+8)÷2 (g)	Wet. 8 a. m.	Wet. 8 p. m.	Wet. Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)
69.5	79.0	74.2	64.4	68.5	66.4	85.9	64.3	75.1	—	—	—

Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range. (i)	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
95	30	53	7	42	30	26	13	12

Dew-point. 8 a. m.	Dew-point. 8 p. m.	Dew-point. Monthly. (g)	Relative Humidity. 8 a. m.	Relative Humidity. 8 p. m.	Relative Humidity. Monthly. (g)	Vapor Pressure. 8 a. m.	Vapor Pressure. 8 p. m.	Vapor Pressure. Monthly. (g)
61.4	62.9	62.2	76.0	59.3	67.6	.557	.595	.576

Number of days with—(j) Maximum. 32° or below.	Maximum. 90° or above.	Minimum. 32° or below.	Minimum. Zero or below.
0	11	0	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)
6151	8.3	NW	37	S	8

Number of Times Wind Observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
5	1	4	8	3	16	7	18	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.
3.2	3.4	2.2	83	23	7	1

Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
6	4	1

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
0	0	0	1-4-5-8-13-14-15-16-27-30-31	0	0	0	0	0	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest Amount in 24 Consecutive Hours. Am't.	Date. (k)	Excessive. 2.50 Inches in 24 Hours. (l) * Am't.	Duration. h. m.	Date. (k)	1 Inch per Hour. (l) Am't.	Duration. h. m.	Date. (k)
3.65	2.12	14	—	0	—	~~1.10~~ 1.00	~~0 - 79~~ 0 - 39	14

Number of Days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	Snow. .01 or more melted.	Snow. Total Depth. (o)	Snow. Average Depth at End of Month.
2	11	7	3	1	13	0	0	0	0

(w) Maximum precipitation in 5 minutes .32, date 14; 10 minutes .51, date .14; 15 minutes .63, date 14;
30 minutes .90, date 14; 1 hour 1.10, date 14; 2 hours 1.23, date 14

EXCESSIVE.

Date.	Total Duration. From—	To—	Total am't of precipitation.	Excessive Rate. Began—	Ended—	Am't before excessive began.	Accumulated Depths during Excessive Rate, for Consecutive Periods of Time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
14	12 01 M	6 15 M	1.56	12 01 M	12.48A.	0	.12	.18	.33	.64	.80	.87	.95	1.01	1.07	1.10				

*The duration is the time precipitation was actually recorded.

8—154

Prepared by _____ H. S. Palmer, L. F., Weather Bureau.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at ....., *for the Month of* ....., *191*

Number of Station barometer, ...; *sum of corrections,* ..... *inch.*

Date.	SPECIAL OBSERVATIONS.																						Date.
	Time.		Barometer.					Thermometers.						Wind.				Precipitation. ††	Clouds.			State of Weather.	Special Phenomena.	Initials of Observer.	
	75th Mer.	Local (standard).	Attached thermometer.	Observed reading.	Total correction.	Station. (Observed reading plus total cor.)	Reduced to sea-level.	Dry.	Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Direction.	Velocity. †	Max. since last observation.	Direction.		Am't.	Kind.	Dir. from.				

None.

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation. 8—154

Form No. 1001—Met'l. (1913 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of August, 1913

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

† Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date No; amount of change in height of barometer, ____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911 7.00 A.M.; station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Cor Berry & Calhoun street; room 911-912; first observation taken in present office, 7.00 a.m. May 20, 1911

* Cancel words that are not appropriate.

† To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at [illegible], for the Month of August, 1913

Number of Station barometer, 656; sum of corrections, .009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Relative humidity.	Vapor pressure.	Self-reg. ther's. Max.	Self-reg. ther's. Min.	Wind. Dir.	Wind. Velocity.	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m.	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
	In.	In.	In.	In.	In.	°	°	°	%	In.	°	°		Mi. †	Mi.		In. ††							
1	86.0	29.407	-.161	29.246	30.17	69.3	60.8	55	61	.432	74.0	65.3	N	8			.05	Few	A. St.	W	Clear		W.SP.	1
2	84.0	29.423	-.157	29.266	30.19	67.6	60.4	56	66	.448	78.4	63.8	W	2			0	2	A.St. Cu.	W	Clear		W.SP.	2
3	83.5	29.308	-.154	29.154	30.06	70.0	61.3	56	61	.448	81.0	61.1	W	4			0	4	A.St.	NW	Pt Cloudy		W.SP.	3
4	84.0	29.292	-.156	29.136	30.05	63.8	57.0	52	67	.387	82.0	59.8	N	10			0	1	Ci. St.	NW	Clear		W.SP.	4
5	81.0	29.388	-.148	29.240	30.16	63.3	55.3	49	60	.347	75.5	55.6	NE	4			0	2	A. St.	NW	Clear		W.SP.	5
6	79.5	29.263	-.144	29.119	30.03	66.0	62.4	61	82	.536	76.0	65.6	SW	12			T	10	St	W	Cloudy		W.SP.	6
7	80.0	29.241	-.145	29.096	30.01	69.8	65.6	63	80	.575	77.0	65.6	NE	4			0	0	0	0	Clear		W.SP.	7
8	80.5	29.205	-.146	29.059	29.97	68.4	67.0	67	93	.661	81.0	67.2	S	12			.74	5 5	St Cu St Cu	W	Cloudy		W.SP.	8
9	81.5	29.245	-.149	29.096	30.00	71.0	70.4	68	73	.684	84.0	74.4	SW	12			0	8	A.St.	NW	Cloudy		W.SP.	9
10	84.5	29.303	-.157	29.146	30.05	75.0	70.6	68	80	.684	87.0	72.7	SW	12			0	2 6	A.St St	NW NW	Cloudy		W.SP.	10
11	78.0	29.384	-.140	29.244	30.16	61.8	59.0	57	85	.465	72.2	61.1	NE	9			.07	10	St	NE	Cloudy		W.SP.	11
12	76.0	29.329	-.134	29.195	30.12	63.8	62.0	61	91	.536	63.8	62.0	NE	8			T	10	St	N	Cloudy		W.SP.	12
13	78.5	29.325	-.141	29.184	30.09	67.8	65.1	63	87	.575	80.0	65.0	N	4			0	3 3	A.St. St	NW NW	Pt Cloudy		W.SP.	13
14	80.0	29.307	-.145	29.162	30.07	72.8	69.8	69	86	.707	80.0	71.8	S	5			0	2 7	A.St St	NW NW	Cloudy		W.SP.	14
15	81.0	29.273	-.148	29.125	30.04	71.0	70.0	70	95	.732	79.0	68.9	SE	3			T	10	St ~~Thr~~	NW	~~Cloudy~~ Thrg		W.SP.	15
16	81.0	29.270	-.148	29.122	30.03	74.0	70.7	69	85	.707	80.0	70.2	S	3			.05	6	St	NW	Pt Cloudy		W.C.	16
17	85.0	29.311	-.158	29.153	30.05	74.9	69.9	68	78	.684	82.0	72.8	S	4			0	0	0	0	Clear		W.C.	17
18	86.5	29.354	-.162	29.192	30.09	74.0	71.5	70	89	.732	83.1	71.6	NE	4			.05	10	St	NE	Cloudy		Bas	18
19	85.0	29.404	-.159	29.245	30.15	72.5	67.0	64	76	.595	77.9	70.0	NE	9			0	5	A. St	NE	Pt Cloudy		Bas.	19
20	82.0	29.438	-.151	29.287	30.21	64.0	60.0	58	79	.482	74.2	62.0	NE	12			0	0	0	0	Clear		Bas.	20
21	83.5	29.324	-.154	29.170	30.07	72.5	69.0	68	84	.684	83.0	70.5	S	10			0	0	0	0	Clear		Bas.	21
22	81.0	29.094	-.147	28.947	29.85	70.8	68.3	67	88	.661	77.1	66.9	W	11			.56	9	St	W	Cloudy		Bas.	22
23	76.0	29.244	-.134	29.110	30.03	58.3	55.0	53	81	.402	66.8	57.0	NW	8			0	10	St	W	Cloudy		Bas.	23
24	74.0	29.271	-.129	29.142	30.06	58.0	55.5	54	86	.417	67.9	53.1	W	6			0	0	0	0	Clear		Bas.	24
25	74.5	29.362	-.130	29.232	30.15	56.2	54.0	53	87	.402	69.6	50.6	E	6			0	0	0	0	Clear		Bas.	25
26	75.5	29.174	-.133	29.041	29.95	66.7	59.2	55	65	.432	75.9	63.2	SW	12			0	6	St Cu.	SW	Pt Cloudy		Bas.	26
27	79.0	29.328	-.142	29.186	30.11	64.0	58.5	55	72	.432	78.9	60.3	N	5			0	1	St	N	Clear		Bas.	27
28	79.0	29.246	-.142	29.104	30.01	66.3	60.8	57	73	.465	77.6	60.4	SE	4			0	8	St	SE	Cloudy		Bas.	28
29	77.5	29.114	-.137	28.977	29.89	62.0	54.8	50	63	.360	75.8	55.2	SW	8			0	0	0 Cu	0	Clear		Bas	29
30	76.0	29.170	-.134	29.036	29.96	59.0	55.2	52	79	.387	67.8	53.3	W	2			0	Few	Ci St	W	Clear		Bas	30
31	75.0	29.295	-.132	29.163	30.08	61.1	59.6	59	92	.499	71.2	56.2	S	4			T	10	Nb	S	Lt Rain		J.F.C.	31
Sums	(a)	(a)		903.575	931.86	2081.7	1945.7	1867	2444	16.558	(a)	(a)	(a)	217	(a)	(a)	1.52	156	(a)	(a)	(a)		(a)	(a)
Means	(a)	(a)		29.148	30.060	67.2	62.8	60.2	78.8	.534	(a)	(a)	(c) NE	7.0	(a)	(a)	(a)	5.0	(c) St	(c) NW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at [illegible], *for the Month of* August, 1913

Number of Station barometer, 656; *sum of corrections,* −.009 *inch.*

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure.	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	86.5	29.318	−.162	29.206	30.12	78.4	69.9	66	66	.638	82.2	69.3	NW	5			0	0	0	0	Clear			HHC	1
2	86.5	29.299	−.162	29.137	30.05	81.0	70.0	65	58	.616	84.9	67.6	SW	4			0	1	St	SW	Clear			HHC	2
3	87.0	29.140	−.163	28.977	29.88	82.0	69.0	63	52	.575	87.9	70.0	SW	12			0	5	StCu	W	Pt Cloudy			HHC	3
4	83.5	29.276	−.154	29.122	30.03	75.5	59.0	47	36	.322	80.8	63.8	NE	5			0	0	0	0	Clear			HHC	4
5	81.5	29.270	−.149	29.121	30.03	76.0	62.0	53	45	.402	82.3	63.3	SW	5			0	8	A.St.	SW	Cloudy			HHC	5
6	80.0	29.216	−.145	29.071	29.98	77.0	68.5	64	65	.595	79.9	66.0	W	3			0	10	St	W	Cloudy			HHC	6
7	86.0	29.163	−.162	29.001	29.90	81.0	72.0	68	64	.684	85.9	69.8	S	5			0	6	A.St.	SW	Pt Cloudy			HHC	7
8	83.5	29.126	−.154	28.972	29.87	84.0	76.0	73	70	.810	85.9	68.4	S	12	28	S	T	7	St	SW	Pt Cloudy			HHC	8
9	88.5	29.248	−.167	29.081	29.98	87.0	76.0	72	60	.783	89.9	77.0	SW	8			0	1	Ci	SW	Clear			HHC	9
10	84.0	29.278	−.156	29.122	30.03	70.8	70.8	71	100	.757	84.1	69.7	NE	14			.14	10	Nb	N	Lt Rain			HHC	10
11	76.0	29.225 (32)	−.134	29.191	30.11	62.4	62.4	62	100	.555	66.1	61.8	E	8			.64	10	Nb	E	Lt Rain			HHC	11
12	82.0	29.271	−.150	29.121	30.03	80.0	72.0	69	68	.707	82.3	63.8	SW	2			0	1	A St	SW	Clear			HHC	12
13	81.5	29.298	−.149	29.149	30.06	80.0	72.0	69	68	.707	84.1	67.8	NW	4			0	9	St	SW	Cloudy			HHC	13
14	82.0	29.248	−.150	29.098	30.01	79.0	73.5	71	77	.757	82.7	72.8	SW	6			T	1	Ci St	SW	Clear			HHC	14
15	82.0	29.244	−.150	29.094	30.00	80.0	73.0	70	72	.732	86.8	71.0	E	6			.09	8	St	W	Cloudy			HHC	15
16	86.0	29.222	−.160	29.062	29.96	82.0	73.0	69	65	.707	93.8	74.0	NE	6			0	6	St	W	Pt Cloudy			HHC	16
17	88.5	29.268	−.167	29.101	30.00	83.1	75.1	72	70	.783	92.7	74.9	NW	3			T	9	St	NW	Cloudy			HHC	17
18	85.0	29.331	−.158	29.173	30.07	77.9	72.4	70	77	.732	87.9	74.0	E	5			T	10	St	E	Cloudy			HHC	18
19	83.0	29.409	−.159	29.250	30.16	74.2	65.7	61	64	.536	84.3	72.5	NE	14			0	10	Ci	W	Cloudy			HHC	19
20	86.0	29.344	−.158	29.186	30.10	83.0	74.0	70	66	.732	88.4	64.0	SE	3			0	0	0	0	Clear			HHC	20
21	83.5	29.184	−.154	29.030	29.93	77.1	73.6	72	85	.783	85.1	72.5	S	8			.12	10	St	SW	Cloudy			HHC	21
22	85.0	29.184	−.158	29.026	29.94	66.8	58.3	53	60	.402	74.8	66.8	NW	7			0	Few	St	NW	Clear			HHC	22
23	80.5	29.229	−.146	29.083	30.00	67.9	60.9	57	67	.465	71.8	58.3	NW	8			0	Few	St	NW	Clear			HHC	23
24	79.0	29.282	−.142	29.140	30.06	69.6	58.6	51	52	.373	77.8	58.0	NW	10			0	Few	St	W	Clear			BAS	24
25	78.5	29.234	−.141	29.093	30.01	75.9	65.4	60	57	.517	80.8	56.2	SW	5			0	0	0	0	Clear			HHC	25
26	81.5	29.149	−.149	29.000	29.90	78.9	67.7	62	57	.555	85.9	66.7	SW	9			0	2	StCu	W	Clear			HHC	26
27	82.0	29.337	−.150	29.187	30.11	77.6	65.1	58	51	.482	82.2	64.0	N	2			0	2	A.St.	W	Clear			HHC	27
28	81.5	29.138	−.149	28.989	29.90	75.8	66.3	62	61	.555	89.1	66.3	NW	12			0	1	St	NW	Clear			HHC	28
29	79.0	29.074	−.141	28.933	29.84	67.8	57.8	51	55	.373	75.1	62.0	NW	8	26	W	0	0	0	0	Clear			HHC	29
30	78.5	29.183	−.141	29.042	29.96	71.2	60.2	53	53	.402	76.7	59.0	SW	4			0	1	Ci	W	Clear			HHC	30
31	76.0	29.262	−.134	29.128	30.04	77.0	67.0	62	60	.555	80.8	61.1	SE	4			T	10	St	SE	Cloudy			BAS	31
Sums		(a)	(a)	901.886	930.06	2379.9	2107.4	1966	2001	18.592	(a)	(a)	(a)	207	(a)	(a)	1.59	138	(a)	(a)	(a)	0	0	(a)	(a)
Means		(a)	(a)	29.093	30.002	76.8	68.0	63.4	64.5	.600	(a)	(a)	(c) SW	6.7	(a)	(a)	(a)	4.5	(c) St	(c) SW W	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of August, 1913

Date.	TEMPERATURE. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean. (Max. and Min.) (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	PRECIPITATION. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (Mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. * ‡‡	Snow unmelted. 7 p.m. to 7 p.m. * ‡‡	Hail, sleet, and snow on ground at 7 p.m. * ‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Friday 1	82	65	17	8	74																0								1
2	85	64	21	0	74																0								2
3	88	61	27	0	74																0								3
4	81	60	21	4	70																0								4
5	82	56	26	1	69																0								5
6	80	66	14	4	73																T								6
7	86	66	20	3	76																0								7
8	86	67	19	0	76																.74								8
9	90	74	16	6	82																0								9
10	84	65	19	8	74																.81								10
11	66	61	5	10	64																.64								11
12	82	62	20	8	72																0								12
13	84	65	19	2	74																0								13
14	83	72	11	4	78																T								14
15	87	69	18	0	78																.14								15
16	94	70	24	4	82																0								16
17	93	73	20	1	83																T								17
18	88	72	16	3	80																.05								18
19	84	67	17	4	76																0								19
20	88	62	26	1	75																0								20
21	85	68	17	1	76																.48								21
22	75	58	17	10	66																.20								22
23	72	57	15	2	64																0								23
24	78	53	25	2	66																0								24
25	81	51	30	0	66																0								25
26	86	63	23	8	74																0								26
27	82	60	22	3	71																0								27
28	89	60	29	3	74																0								28
29	75	55	20	9	65																0								29
30	77	53	24	0	65																								30
31	81	56	25	3	68																T								31
S---	2574	1951	623	112	2239		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	3.06		Total excess or deficiency since January 1,		0	0	(a)	(a)	(a)
M---	83.0	62.9	20.1	3.6	72.9	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S[d]—dry snow, S[m]—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

8—154

SUMMARY FOR THE MONTH OF August, 1913.

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean .004)

STATION.

Mean. 8 a. m.	Mean. 8 p. m.	Mean. Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.148	29.093	29.120	29.287	20	28.933	29	0.354
Corrected mean		29.116					

REDUCED.

Mean. 8 a. m.	Mean. 8 p. m.	Mean. Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
30.060	30.002	30.031	30.21	20	29.84	29	0.37
Corrected mean		30.027	3,500-ft.		10,000-ft.		

TEMPERATURE.

MEAN.

Dry. 8 a. m.	Dry. 8 p. m.	Dry. (8+8)÷2 (g)	Wet. 8 a. m.	Wet. 8 p. m.	Wet. Monthly. (g)	Max.	Min.	Monthly. (g)	Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
67.2	76.8	72.0	62.8	68.0	65.4	83.0	62.9	73.0	—	—	—	94	16	53	25 30	41	30	25	5	11

Dew-point. 8 a. m.	Dew-point. 8 p. m.	Dew-point. Monthly. (g)	Relative Humidity. 8 a. m.	Relative Humidity. 8 p. m.	Relative Humidity. Monthly. (g)	Vapor Pressure. 8 a. m.	Vapor Pressure. 8 p. m.	Vapor Pressure. Monthly. (g)
60.2	63.4	61.8	78.8	64.5	71.6	.534	.600	.567

Number of days with—(j) Maximum. 32° or below.	Maximum. 90° or above.	Minimum. 32° or below.	Minimum. Zero or below.
0	2	0	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of Times Wind Observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
5,370	7.2	SW	28	S	8	5	11	4	4	9	14	6	9	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
5.0	~~6.7~~ 45	3.1	76	19	9	3	2	3	2

MISCELLANEOUS PHENOMENA.

Dates of—(midnight to midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
0	0	0	8-10-17-18-21-22	0	0	0	0	0	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Am't.	Date. (k)	Excessive. 2.50 Inches in 24 Hours. (l) * Am't.	Duration. h.	m.	Date. (k)	1 Inch per Hour. (l) Am't.	Duration. h.	m.	Date. (k)
3.06	1.43	10 11	—	0		—	—	0		—

Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	Snow. .01 or more melted.	Snow. Total Depth. (o)	Snow. Average Depth at End of Month.
4	7	7	4	0	11	0	0	0	0

(w) Maximum precipitation in 5 minutes .12, date 10; 10 minutes .19, date 10; 15 minutes .23, date 10;
30 minutes .33, date 10; 1 hour .54, date 10; 2 hours .55, date 10"

EXCESSIVE.

Date.	Total Duration. From—	To—	Total am't of precipitation.	Excessive Rate. Began—	Ended—	Am't before excessive began.	Accumulated Depths during Excessive Rate, for Consecutive Periods of Time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
				None																

*The duration is the time precipitation was actually recorded.

8—154

(9)

Prepared by W. S. Palmer, L. F., Weather Bureau.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at ..... *, for the Month of* August *, 1913*

Number of Station barometer, ... *; sum of corrections,* ..... *inch.*

SPECIAL OBSERVATIONS.

Date.	Time.		Barometer.					Thermometers.		Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind.				Precipitation.	Clouds.			State of Weather.	Special Phenomena.	Initials of Observer.	Date.
	75th Mer.	Local (standard).	Attached thermometer.	Observed reading.	Total correction.	Station. (Observed reading plus total cor.)	Reduced to sea-level.	Dry.	Wet.					Direction.	Velocity. †	Max. since last observation.	Direction.		Am't.	Kind.	Dir. from.				
							None																		

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation. 8—154

Form No. 1001—Met'l. (1913 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of September, 1913

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

† Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date No; amount of change in height of barometer, ____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20, 1911 7.00 a.m.; station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Cor Berry & Calhoun street, room 911-912; first observation taken in present office, 7.00 a. m. May 20, 19 11

* Cancel words that are not appropriate.

† To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Worth Tex, for the Month of September, 1913

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	76.0	29.405	-.135	29.270	30.19	70.0	65.5	63	79	.575	77.0	66.8	SE	5			0	10	St	S	Cloudy			1
2	80.0	29.448	-.146	29.302	30.21	72.9	61.9	55	54	.432	86.8	68.2	S	6			0	0	0	0	Clear			2
3	85.0	29.354	-.158	29.196	30.10	72.2	66.2	63	73	.575	87.0	70.3	S	3			0	1	Ci	W	Clear			3
4	85.0	29.326	-.158	29.168	30.08	66.8	63.8	62	85	.555	83.5	64.2	NE	9			0	10	St	NE	Cloudy			4
5	79.0	29.342	-.142	29.200	30.12	64.0	62.0	61	90	.536	68.4	62.1	E	5			0	10	St	E	Cloudy			5
6	78.5	29.373	-.141	29.232	30.15	64.0	61.4	60	87	.517	72.2	61.2	E	5			0	1	A. St	N	Clear			6
7	81.5	29.418	-.150	29.268	30.19	71.7	68.2	67	84	.661	80.8	68.5	S	5			0	5	A. St	S	A Cloudy			7
8	81.5	29.404	-.150	29.254	30.17	70.1	68.6	68	93	.684	75.5	68.1	NE	5			.12	10	St	NW	Cloudy			8
9	77.0	29.398	-.138	29.460	30.39	55.8	50.3	46	69	.310	68.0	52.8	NE	8			0	1	Ci	W	Clear			9
10	73.0	29.588	-.127	29.461	30.40	50.0	46.8	44	79	.287	61.0	46.3	NE	6			0	0	0	0	Clear			10
11	72.5	29.388	-.126	29.262	30.19	54.4	50.9	48	79	.334	69.8	50.2	E	2			0	1	Ci	W	Clear			11
12	74.5	29.258	-.130	29.128	30.04	60.1	57.1	55	84	.432	75.5	60.1	N	8			.32	10	St	N	Cloudy			12
13	71.0	29.432	-.122	29.310	30.25	49.0	46.8	45	85	.298	60.2	45.7	N	3			0	1	Ci	W	Clear			13
14	69.5	29.494	-.118	29.376	30.32	45.8	43.0	40	80	.247	61.0	43.6	E	6			0	1	Ci St	W	Clear		W.S.P.	14
15	67.5	29.483	-.113	29.370	30.31	47.8	43.0	38	68	.228	58.3	45.1	E	10			0	9	St	W	Cloudy		W.S.P.	15
16	68.0	29.405	-.114	29.291	30.22	58.4	58.4	58	100	.482	67.3	57.9	SE	12			.64 H	10	Nim.	SE	Hvy. Rain		W.S.P.	16
17	69.0	29.273	-.116	29.157	30.08	66.6	65.0	64	92	.595	67.2	65.7	SW	14			.09	10	St	SW	Cloudy		W.S.P.	17
18	69.0	29.252	-.116	29.136	30.06	57.2	55.2	54	88	.417	62.5	56.7	NE	10			0	9	St	N	Cloudy		W.S.P.	18
19	68.0	29.135	-.113	29.022	29.95	51.0	49.8	49	92	.347	59.0	48.5	NE	6			0	0	0	0	Clear		W.S.P.	19
20	68.0	28.836	-.112	28.724	29.62	63.4	61.4	60	90	.517	65.5	59.8	SE	8			T	8 1	A St St	SW S	Cloudy		W.S.P.	20
21	65.0	28.941	-.104	28.837	29.76	44.8	42.8	41	86	.256	51.6	41.8	SW	13			T	10	St	SW	Cloudy		W.S.P.	21
22	62.0	29.067	-.097	28.970	29.91	41.0	38.3	35	79	.203	46.0	39.8	SW	14			T	10	St	W	Cloudy		W.S.P.	22
23	63.0	29.492	-.101	29.391	30.34	40.2	37.0	33	75	.187	45.8	34.3	SW	4			0	7	A St	W	Pt. Cldy		W.S.P.	23
24	64.0	29.426	-.103	29.323	30.25	57.4	51.7	47	62	.322	60.7	53.3	S	8			T	7	A St St	W W	Cloudy		W.S.P.	24
25	68.0	29.373	-.113	29.260	30.19	57.4	52.7	49	73	.347	69.0	54.3	S	9			0	1	A St	W	Clear		W.S.P.	25
26	70.0	29.288	-.119	29.169	30.09	53.4	52.4	51	94	.373	67.3	53.4	NW	12			.02	10	Nimbus	NW	Hvy. Rain		W.S.P.	26
27	68.0	29.492	-.114	29.378	30.32	46.0	43.2	40	80	.247	51.0	39.5	W	1			0	3	Ci. Cu.	W	Clear		BAS.	27
28	68.0	29.433	-.114	29.319	30.26	45.2	43.4	42	87	.266	58.8	40.8	E	3			0	Few	A St.	W	Clear		W.S.P.	28
29	68.5	29.208	-.114	29.094	30.01	60.4	60.4	60	100	.517	65.0	59.7	SE	8			.24	10	Hv A St. Fog	SE SE	Hvy Rain		WTC.	29
30	68.5	29.194	-.114	29.080	30.00	61.5	61.5	62	100	.555	66.0	60.1	E	3			0	-	Dense Fog	E	Foggy		WTC.	30
31																								31
Sums		(a)	(a)	876.408	904.17	1718.5	1628.7	1560	2487	12.302	(a)	(a)	(a)	207	(a)	(a)	1.43	167	(a)	(a)	(a)		(a)	
Means		(a)	(a)	29.214	30.139	57.3	54.3	52.0	82.9	.410	(a)	(a)	(c) E	6.9	(a)	(a)	(a)	5.6	(c) St	(c) W	(a)		(a)	

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of September, 1913

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	82.0	29.354	-.150	29.204	30.10	86.0	69.0	60	42	.517	93.2	70.0	S	6			0	1	St	W	Clear			BAS	1
2	86.5	29.312	-.162	29.210	30.11	87.0	75.4	71	59	.757	95.8	72.9	S	3			0	0	0	0	Clear			BAS	2
3	88.5	29.264	-.167	29.097	30.00	83.5	71.8	66	57	.638	93.8	72.2	NW	3			0	10	St	NW	Cloudy			BAS.	3
4	81.5	29.278	-.149	29.129	30.04	68.4	64.9	63	83	.575	74.6	66.8	NE	5			0	0	0	0	Clear			BAS.	4
5	80.0	29.290	-.145	29.145	30.05	72.2	67.7	65	80	.616	79.9	64.0	NE	9			0	0	0	0	Clear			BAS.	5
6	82.0	29.341	-.150	29.191	30.11	80.8	71.3	67	63	.661	90.2	64.0	S	7			0	1	CiCu	S	Clear			BAS	6
7	82.5	29.386	-.153	29.233	30.14	75.5	68.5	66	70	.638	87.8	71.7	S	6			0	4	St	SE	P.Cloudy			BAS.	7
8	80.0	29.442	-.146	29.296	30.22	68.0	62.4	59	74	.499	77.3	68.0	NE	8			.02	Few	St	NE	Clear			BAS.	8
9	75.5	29.544	-.134	29.410	30.34	61.0	54.2	49	65	.347	72.6	55.8	NE	12			0	0	0	0	Clear			BAS.	9
10	74.5	29.440	-.131	29.309	30.24	69.8	58.3	50	50	.360	79.1	50.0	E	8			0	0	0	0	Clear			BAS.	10
11	75.0	29.226	-.132	29.094	30.01	75.5	64.0	58	54	.482	84.3	54.4	NW	3			0	9	ASt.	NW	Cloudy			BAS.	11
12	73.0	29.276	-.126	29.150	30.07	60.2	51.3	43	54	.277	70.8	58.4	NW	8			0	2	St	NW	Clear			BAS.	12
13	72.0	29.382	-.125	29.257	30.20	61.0	53.2	47	60	.322	69.2	49.0	NW	8			0	Few	ASt	N	Clear			B.A.S.	13
14	70.5	29.458	-.121	29.337	30.28	58.3	50.8	44	60	.287	65.9	45.8	E	8			0	1	A.St	E	Clear			B.A.S.	14
15	68.5	29.406	-.115	29.291	30.22	67.3	61.2	57	72	.465	70.5	47.8	E	7			T	10	St	E	Cloudy			B.A.S.	15
16	69.0	29.318	-.116	29.202	30.12	67.0	64.5	63	88	.575	70.2	58.4	SE	7			.07	10	St	SE	Cloudy			B.A.S.	16
17	70.0	29.246	-.118	29.128	30.05	62.5	60.0	58	87	.482	70.3	62.0	NW	6			.01	2	St	NW	Clear			B.A.S.	17
18	69.0	29.154	-.116	29.038	29.96	59.0	54.4	51	75	.373	65.2	57.2	NE	11			0	8	ASt	NE	Cloudy			B.A.S.	18
19	68.5	29.002	-.114	28.888	29.81	65.5	60.5	58	76	.482	73.0	51.0	E	6			0	0	0	0	Clear			B.A.S.	19
20	66.0	28.908	-.107	28.801	29.71	51.5	47.8	44	77	.287	68.8	51.5	W	14	26	SW	.24	10	St	W	Cloudy			B.A.S.	20
21	63.0	28.982	-.099	28.883	29.81	46.0	43.7	41	84	.256	51.2	44.8	SW	9			0	10	St	SW	Cloudy			B.A.S.	21
22	63.5	29.288	-.102	29.186	30.12	45.8	41.3	36	69	.211	48.2	41.0	W	5			0	0	0	0	Clear			B.A.S.	22
23	65.0	29.343	-.105	29.238	30.17	60.7	54.2	49	66	.347	64.3	40.2	SE	9			0	0	0	0	Clear			B.A.S.	23
24	70.0	29.358	-.119	29.239	30.16	69.0	58.8	52	54	.387	79.6	57.4	S	8			0	0	0	0	Clear			B.A.S.	24
25	71.5	29.278	-.122	29.156	30.08	67.3	59.8	55	65	.432	77.8	57.4	SW	7			0	0	0	0	Clear			B.A.S.	25
26	70.0	29.382	-.119	29.263	30.20	51.0	47.8	45	80	.298	57.9	50.5	NW	7			.01	0	0	0	Clear			B.A.S.	26
27	70.0	29.450	-.119	29.331	30.27	58.8	51.3	45	60	.298	65.5	46.0	E	2			0	0	0	0	Clear			BAS.	27
28	68.0	29.262	-.113	29.149	30.08	65.0	62.5	61	87	.536	69.9	45.2	S	3			T	10	Nb	S	Lt. Rain			BAS.	28
29	69.0	29.164	-.116	29.048	29.97	66.0	65.1	64	95	.595	69.7	60.4	E	4			.01	0	0	0	Clear	BDNA E10.00A		BAS.	29
30	70.0	29.071	-.118	28.953	29.87	59.5	59.5	60	100	.517	73.5	58.0	SE	8			1.21	10	Nb	SE	Lt Rain		BDNA E15.00A	B.A.S.	30
31																									31
Sums	(a)	(a)	(a)	874.856	902.51	1969.1	1775.2	1647	2106	13.517	(a)	(a)	(a)	207	(a)	(a)	1.57	98	(a)	(a)	(a)	1	1	(a)	(a)
Means	(a)	(a)	(a)	29.162	30.084	65.6	59.2	54.9	70.2	.451	(a)	(a)	(c) S-NW	6.9	(a)	(a)	(a)	3.3	(c) St	(c) NW	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of September, 1913

Date.	TEMPERATURE. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean. (Max. and Min.) (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	PRECIPITATION. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (Mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. * ‡‡	Snow unmelted. 7 p.m. to 7 p.m. * ‡‡	Hail, sleet, and snow on ground at 7 p.m. * ‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Monday 1	93	67	26	12	80																0								1
2	96	68	28	2	82																0								2
3	94	70	24	0	82																0								3
4	75	64	11	12	70																0								4
5	80	62	18	1	71																0								5
6	90	61	29	5	76																0								6
7	88	68	20	2	78																0								7
8	77	57½	20	11	67½																.14								8
9	73	57½	24	11	65½																0								9
10	79	46	33	0	62																0								10
11	84	50	34	5	67																.09								11
12	71	51	20	6	61																.23								12
13	69	46	23	3	58																0								13
14	66	44	22	3	55																0								14
15	70	45	25	3	58																T								15
16	70	58	12	6	64																.80								16
17	70	59	11	0	64																.01								17
18	65	51	14	6	58																0								18
19	73	48	25	2	60																0								19
20	69	44	25	4	56																.24								20
21	51	42	9	10	46																T								21
22	48	37	11	4	42																0								22
23	64	34	30	7	49																T								23
24	80	53	27	17	66																0								24
25	78	54	24	0	66																0								25
26	61	45	16	13	53																.03								26
27	66	40	26	0	53																0								27
28	70	41	29	3	56																.13								28
29	70	60	10	9	65																.12								29
30	74	56	18	0	65																1.22				T		0		30
31																													31
S	2214	1573	641	151	1892		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	3.00		Total excess or deficiency since January 1,		T	0	(a)	(a)	(a)
M	73.8	52.4	21.4	5.0	63.1	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S[d]—dry snow, S[m]—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

8—154

SUMMARY FOR THE MONTH OF September, 1913

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean .005)

STATION.

Mean. 8 a. m.	Mean. 8 p. m.	Mean. Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.214	29.162	29.188	29.461	10	~~29.62~~ 28.724	20	.737
Corrected mean		29.183					

REDUCED.

Mean. 8 a. m.	Mean. 8 p. m.	Mean. Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
30.139	30.084	30.112	30.40	10	29.62	20	078
Corrected mean		30.107	3,500-ft.			10,000-ft.	

TEMPERATURE.

MEAN.

Dry. 8 a. m.	Dry. 8 p. m.	Dry. (8+8)÷2 (g)	Wet. 8 a. m.	Wet. 8 p. m.	Wet. Monthly. (g)	Max.	Min.	Monthly. (g)
57.3	65.6	61.4	54.3	59.2	56.8	73.8	52.4	63.1

Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)

Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range. (i)	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
96	2	34	23	62	34	11	9	21

Dew-point. 8 a. m.	Dew-point. 8 p. m.	Dew-point. Monthly. (g)	Relative Humidity. 8 a. m.	Relative Humidity. 8 p. m.	Relative Humidity. Monthly. (g)	Vapor Pressure. 8 a. m.	Vapor Pressure. 8 p. m.	Vapor Pressure. Monthly. (g)
52.0	54.9	53.4	82.9	70.2	76.6	.410	.451	.430

Number of days with—(j)

Maximum. 32° or below.	Maximum. 90° or above.	Minimum. 32° or below.	Minimum. Zero or below.
0	4	0	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)
5,477	7.6	NE	26	SW	20

Number of Times Wind Observed from the—

N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
2	11	13	7	11	6	3	7	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
5.6	3.3	4.9	61	11	9	10	1	4	5

(9)

MISCELLANEOUS PHENOMENA.

Dates of—(midnight to midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
–	–	23	7-8-30	0	0	0	29	30	0	0	0	0	30	0

PRECIPITATION (in inches and hundredths). (m)

Total Amount.	Greatest Amount in 24 Consecutive Hours. Am't.	Greatest Amount in 24 Consecutive Hours. Date. (k)	Excessive. 2.50 Inches in 24 Hours. (l) * Am't.	Duration. h.	Duration. m.	Date. (k)	1 Inch per Hour. (l) Am't.	Duration. h.	Duration. m.	Date. (k)
3.01	1.22	30	–	0		–	1.00	0	30	30

Number of Days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	Snow. .01 or more melted.	Snow. Total Depth. (o)	Snow. Average Depth at End of Month.
3	10	8	2	1	13	0	0	0	0

(w) Maximum precipitation in 5 minutes .36, date 30"; 10 minutes .64, date 30; 15 minutes .83, date 30";
30 minutes 1.00, date 30"; 1 hour 1.13, date 30; 2 hours 1.21, date 30

EXCESSIVE.

Date.	Total Duration. From—	Total Duration. To—	Total am't of precipitation.	Excessive Rate. Began—	Excessive Rate. Ended—	Am't before excessive began.	Accumulated Depths during Excessive Rate, for Consecutive Periods of Time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
30	4 40 P	7 15 P	1.22	5.02 P	5.26 P	.10	.05	.21	.57	.85	.93									

*The duration is the time precipitation was actually recorded.

8—154

Prepared by W. S. Palmer, L. F., Weather Bureau.

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at ....., for the Month of ....., 191

Number of Station barometer, ...; sum of corrections, ... inch.

Date.	SPECIAL OBSERVATIONS.																									Date.
	Time.		Barometer.					Thermometers.		Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind.				Precipitation.	Clouds.			State of Weather.	Special Phenomena.	Initials of Observer.		
	75th Mer.	Local (standard).	Attached thermometer.	Observed reading.	Total correction.	Station. (Observed reading plus total cor.)	Reduced to sea-level.	Dry.	Wet.					Direction.	Velocity. †	Max. since last observation.	Direction.		Am't.	Kind.	Dir. from.				
																		††								

None.

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation. 8—154

Form No. 1001—Met'l. (1913 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of October, 1913

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

† Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date ____; amount of change in height of barometer, ____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20. 1911. 7.00 A.M.; station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Cor Berry & Calhoun streets, room 911-912; first observation taken in present office, 7.00 A. m. May 20, 1911

* Cancel words that are not appropriate.

† To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of October, 1913

Number of Station barometer, 636; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level.	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.	10						
1	68.5	29.103	-.114	28.989	29.91	56.0	56.0	56	100	.448	59.5	53.7	W	7			.01	—	Lt Fog	W	Cloudy		BAS.	1
2	68.0	28.916	-.112	28.804	29.71	55.0	52.6	51	86	.373	63.8	54.7	W	12			.02	0	0	0	Clear		BAS.	2
3	67.0	29.146	-.110	29.036	29.97	50.3	47.8	45	84	.298	56.0	49.1	N	5			0	10	St	N	Cloudy		BAS.	3
4	68.0	29.236	-.113	29.123	30.05	50.0	47.4	45	83	.298	61.2	46.2	W	4			0	0	0	0	Clear		BAS.	4
5	69.5	29.192	-.117	29.075	30.00	55.4	50.9	47	74	.322	67.0	54.0	S	7			0	Few	Ci	S	Clear		BAS.	5
6	70.0	29.324	-.119	29.205	30.12	64.0	60.5	58	82	.482	65.5	61.0	S	3			0	9	A. St.	S	Cloudy		BAS.	6
7	73.0	29.304	-.126	29.178	30.10	60.5	57.0	54	81	.417	74.8	58.2	E	2			0	1	StCu.	E	Clear		BAS.	7
8	74.5	29.218	-.130	29.088	30.01	62.0	59.4	58	86	.482	70.1	61.4	NE	6			0	10	St	NE	Cloudy		BAS.	8
9	74.5	29.205	-.130	29.075	29.99	66.5	61.0	58	73	.482	71.1	65.3	SE	1			0	4	Ci St.	SE	Pt Cloudy		BAS.	9
10	76.0	29.210	-.134	29.076	29.99	65.2	62.7	61	87	.536	75.0	63.3	S	7			0	2	A. St	S	Clear		BAS.	10
11	76.0	29.110	-.133	28.977	29.90	56.0	56.0	56	100	.448	77.8	56.0	W	16	25	W	.45	10	Nb	W	Lt. Rain		BAS.	11
12	72.0	29.324	-.124	29.200	30.13	44.2	40.2	35	71	.203	51.6	41.1	SW	12			0	1	St	SW	Clear		MYC	12
13	69.0	29.538	-.117	29.421	30.36	42.3	40.8	39	88	.237	54.4	39.8	N	3			0	0	0	0	Clear		BAS.	13
14	69.0	29.491	-.117	29.374	30.31	50.0	45.3	41	70	.256	54.4	47.0	S	7			0	0	0	0	Clear		BAS.	14
15	68.0	29.272	-.113	29.159	30.08	53.0	49.0	45	75	.298	64.3	51.0	SW	10			0	0	0	0	Clear		BAS.	15
16	69.0	29.271	-.116	29.155	30.08	56.5	55.0	54	91	.417	66.5	55.0	NE	9			0	10	A.St	N	Cloudy		BAS.	16
17	69.0	29.164	-.116	29.048	29.97	59.0	59.0	59	100	.499	62.0	55.3	SE	6			.06	10	Nb	S	Lt. Rain		BAS.	17
18	68.0	29.202	-.113	29.089	30.02	45.6	45.6	46	100	.310	53.8	45.0	W	12			T	10	Nb	W	Lt. Rain		BAS.	18
19	70.0	29.238	-.118	29.120	30.06	38.0	36.5	34	87	.195	45.8	37.0	N	5			0	10	St	N	Cloudy		BAS.	19
20	67.0	28.642	-.109	28.533	29.45	39.0	39.0	39	100	.237	45.5	37.6	N	7			.10	10	Nb	N	Lt. Rain		BAS.	20
21	59.0	29.002	-.089	28.913	29.86	30.0	28.0	25	78	.130	38.0	30.0	SW	18	25	W	T	10	Nb	W	Lt. Snow		MYC	21
22	64.0	29.298	-.103	29.195	30.14	30.0	29.2	28	91	.150	36.0	28.7	SE	7			.04	10	Nb	SE	Lt. Snow		BAS. MYC	22
23	67.0	29.206	-.110	29.096	30.04	39.4	39.4	39	100	.237	52.0	39.0	NW	8			.50	10	Nb	NW	Lt. Rain		BAS.	23
24	68.0	29.109	-.112	28.997	29.94	45.2	45.2	45	100	.298	45.2	42.0	NE	3			.04	10	Nb Lt Fog	NE	Lt. Rain		BAS.	24
25	70.0	29.180	-.118	29.062	30.00	39.5	37.0	34	80	.195	50.3	38.5	N	8			0	0	0	0	Clear		BAS.	25
26	69.0	29.212	-.116	29.096	30.04	31.0	30.1	29	90	.157	44.1	31.0	NE	1			0	—	Lt. Fog	NE	Clear		MYC	26
27	69.5	29.085	-.116	28.969	29.90	42.0	40.2	38	86	.228	53.8	41.5	NE	11			0	10	St	N	Cloudy		BAS.	27
28	66.0	29.028	-.107	28.921	29.85	42.2	42.2	42	100	.266	46.7	40.8	SW	20	25	SW	.05	10	Nb	SW	Lt. Rain		BAS.	28
29	68.0	29.195	-.113	29.082	30.02	38.0	36.5	34	87	.195	41.2	36.8	SE	3			0	10	St Lt. Fog	SE	Cloudy		BAS.	29
30	64.5	29.350	-.104	29.246	30.20	33.4	33.4	33	100	.187	40.0	32.0	SW	4			.01	10	Nb	SW	Lt. Snow		BAS.	30
31	64.0	29.674	-.103	29.571	30.53	30.7	28.2	24	74	.124	37.4	29.6	SW	9			T	6	A St.	SW	Pt Cloudy		BAS	31
Sums		(a)	(a)	901.873	930.73	1462.9	1441.1	1352	2704	9.405	(a)	(a)	(a)	233	(a)	(a)	1.28	193	(a)	(a)	(a)		(a)	(a)
Means		(a)	(a)	29.093	30.024	47.4	45.5	43.6	87.2	.303	(a)	(a)	(c) SW	7.5	(a)	(a)	(a)	6.2	(c) Nb.	(c) NW	(a)		(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of October, 1913

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	70.0	29.084	-.118	28.971	29.89	63.8	59.8	58	79	.482	69.7	56.0	W	10			0	0	0	0	Clear	B D N A E 7.30 A		H.H.C.	1
2	68.0	29.000	-.112	28.888	29.81	56.0	53.1	51	83	.373	62.2	55.0	NW	18	35	NW	T	5	St	NW	P.Cloudy			H.H.C.	2
3	70.5	29.160	-.140	29.040	29.97	61.2	55.2	51	68	.373	67.9	50.3	NW	1			0	0	0	0	Clear			H.H.C.	3
4	71.0	29.189	-.121	29.068	29.99	67.0	56.0	48	50	.334	77.8	50.0	SE	6			0	2	Ci.St.	SW	Clear			H.H.C.	4
5	70.0	29.236	-.118	29.118	30.04	65.5	61.0	58	78	.482	78.3	55.4	SW	8			.01	7	St	SW	P.Cloudy			B.A.S.	5
6	74.0	29.312	-.129	29.183	30.10	74.8	67.8	65	70	.616	80.0	64.0	SE	4			0	0	0	0	Clear			H.H.C.	6
7	75.5	29.210	-.133	29.077	30.00	70.1	64.4	62	75	.555	85.9	60.5	N	6			0	2	St	N	Clear			H.H.C.	7
8	75.0	29.183	-.132	29.051	29.97	71.1	66.1	63	77	.575	79.0	61.3	E	4			0	8	St.	SW	Cloudy			H.H.C.	8
9	77.0	29.180	-.137	29.043	29.95	75.0	66.8	63	65	.575	83.4	66.5	SE	4			0	6	St	SW	P.Cloudy			H.H.C.	9
10	79.0	29.064	-.141	28.923	29.83	77.8	67.3	62	58	.555	86.3	65.2	S	13	25	S	0	10	Ci.St.	SW	Cloudy			H.H.C.	10
11	75.0	29.353	-.132	29.221	30.15	57.6	45.6	40	63	.247	57.8	48.2	W	8			T	0	0	0	Clear			H.H.C.	11
12	72.0	29.335	-.124	29.211	30.14	54.4	48.4	42	65	.266	62.9	44.2	NW	6	27	SW	0	0	0	0	Clear			H.H.C.	12
13	71.0	29.502	-.122	29.380	30.32	54.4	48.9	43	67	.277	61.9	42.3	E	5			0	0	0	0	Clear			H.H.C.	13
14	71.0	29.328	-.121	29.207	30.14	64.3	55.3	48	56	.334	72.9	50.0	S	8			0	2	Ci	W	Clear			H.H.C.	14
15	70.0	29.229	-.118	29.111	30.03	66.5	60.0	56	68	.448	74.0	53.0	NW	9			0	10	St	NW	Cloudy			H.H.C.	15
16	70.0	29.249	-.118	29.131	30.05	62.0	58.4	56	81	.448	68.0	56.5	NE	8			0	10	St	S	Cloudy			H.H.C.	16
17	70.0	29.088	-.118	28.970	29.90	53.8	52.8	52	94	.387	64.2	53.8	W	14			.31	10	St	W	Cloudy			J.H.C.	17
18	72.0	29.315	-.124	29.191	30.12	45.8	42.8	40	79	.247	52.9	45.1	NW	6			T	0	0	0	Clear			H.H.C.	18
19	69.0	28.943	-.115	28.828	29.76	45.5	45.0	44	96	.287	50.7	38.0	NE	8			T	10	Nb	NE	Lt. Rain			B.A.S.	19
20	68.5	28.744	-.113	28.631	29.55	38.0	37.5	37	96	.219	48.0	37.5	W	24	28	W	.06	10	St	W	Cloudy			B.L.S.	20
21	65.0	29.273	-.105	29.168	30.11	36.0	32.7	28	71	.150	36.0	29.1	SW	6	26	W	T	10	St	W	Cloudy			J.H.C.	21
22	69.0	29.086	-.115	28.971	29.91	50.7	50.7	51	100	.373	50.7	30.0	S	12			.46	10	Nb	S	Lt. Rain			J.H.C.	22
23	71.0	29.231	-.121	29.110	30.05	42.7	42.7	43	100	.277	43.2	38.8	E	6			.18	10	Nb	NE	Lt. Rain			H.H.C.	23
24	73.0	29.081	-.125	28.956	29.89	50.3	47.3	44	81	.287	55.2	45.2	N	5			T	0	0	0	Clear	B D N A E 11.25 A		H.H.C.	24
25	73.0	29.257	-.126	29.131	30.07	44.1	42.1	40	85	.247	52.8	39.5	NE	8			0	0	0	0	Clear			H.H.C.	25
26	70.0	29.068	-.118	28.950	29.89	53.8	49.8	47	76	.322	59.3	30.2	SE	8			0	0	0	0	Clear	B D N A E 7.10 A	E 7.10 A E 8.30 A	H.H.C.	26
27	72.0	28.899	-.123	28.776	29.70	45.1	44.6	44	96	.287	47.8	42.0	NE	16	27	NE	.01	10	St	NE	Cloudy			H.H.C.	27
28	71.0	29.235	-.121	29.114	30.05	41.2	38.2	34	77	.195	46.1	41.2	SW	5			.02	0	0	0	Clear			H.H.C.	28
29	71.0	29.222	-.121	29.101	30.04	40.0	38.1	35	85	.203	48.2	38.0	SW	10			0	10	St	W	Cloudy	B D N A E 7.20 A		H.H.C.	29
30	69.5	29.542	-.118	29.424	30.38	37.4	35.9	33	87	.187	41.8	33.4	W	9			.01	10	St	W	Cloudy			H.H.C.	30
31	70.0	29.766	-.120	29.646	30.61	35.1	32.4	30	76	.164	39.8	30.7	W	6			0	0	0	0	Clear			J.H.C.	31
Sums		(a)	(a)	901.590	930.41	1695.0	1566.9	1468	2402	[c].772	(a)	(a)	(a)	261	(a)	(a)	1.06	152	(a)	(a)	(a)	3½	1	(a)	(a)
Means		(a)	(a)	29.084	30.013	54.7	50.5	47.4	77.5	.347	(a)	(a)	(c) W	8.4	(a)	(a)	(a)	4.9	(c) St	(c) W	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of October, 1913

Date.	TEMPERATURE. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean. (Max. and Min.) (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	PRECIPITATION. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (Mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. * ‡‡	Snow unmelted. 7 p.m. to 7 p.m. * ‡‡	Hail, sleet, and snow on ground at 7 p.m. * ‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Wednesday 1	70	54	16	3	62																0					0	0	0	1
2	62	52	10	5	57																.02					0	0	0	2
3	68	49	19	1	58																0					0	0	0	3
4	78	46	32	4	62																0					0	0	0	4
5	78	54	24	4	66																.01					0	0	0	5
6	80	61	19	4	70																0					0	0	0	6
8 6	68	58	28	2	72																0					0	0	0	7
8	79	61	18	2	70																0					0	0	0	8
9	84	65	19	4	74																0					0	0	0	9
10	86	63	23	0	74																.02					0	0	0	10
11	67	43	24	19	53																.43					0	0	0	11
12	63	41	22	3	52																0					0	0	0	12
13	62	40	22	1	51																0					0	0	0	13
14	73	47	26	9	60																0					0	0	0	14
15	74	51	23	2	62																0					0	0	0	15
16	68	55	13	0	62																0					0	0	0	16
17	64	49	15	8	56																.37					0	0	0	17
18	53	41	12	11	47																T					0	0	0	18
19	51	37	14	3	44																.02					0	0	0	19
20	48	34	14	3	41																.14					0	0	0	20
21	36	29	7	9	32																T					T	0	T	21
22	52	29	23	8	40																.69					1.4	0	1.4	22
23	52	39	13	6	46																.49					0	0	0	23
24	55	43	12	3	49																.04					0	0	0	24
25	53	37	16	4	45																0					0	0	0	25
26	59	30	29	1	44																0					0	0	0	26
27	48	42	6	1	45																.06					0	0	0	27
28	46	40	6	2	43																.02					0	0	0	28
29	48	32	16	3	40																0					0	0	0	29
30	42	32	10	3	37																.02					0.2	0	.02	30
31	40	29	11	3	34																0					0	0	0	31
S.	1925	1384	541	127	1651		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	2.33		Total excess or deficiency since January 1,			1.6	(a)	(a)	(a)
M.	62.1	44.6	17.5	4.1	53.3	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^d—dry snow, S^m—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

8—154

SUMMARY FOR THE MONTH OF October, 1913.

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean = .006)

STATION.

Mean. 8 a. m.	Mean. 8 p. m.	Mean. Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.093	29.084	29.088	29.646	31	28.533	20	1.113
Corrected mean		29.082					

REDUCED.

Mean. 8 a. m.	Mean. 8 p. m.	Mean. Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
30.024	30.013	30.018	30.61	31	29.45	20	1.16
Corrected mean		30.012	3,500-ft		10,000-ft		

TEMPERATURE.

MEAN.

Dry. 8 a. m.	Dry. 8 p. m.	Dry. (8+8)÷2 (g)	Wet. 8 a. m.	Wet. 8 p. m.	Wet. Monthly. (g)	Max.	Min.	Monthly. (g)
47.4	54.7	52.0	45.5	50.5	48.0	62.1	44.6	53.4

Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)
—	—	—

Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range. (i)	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
86	10	29	22	57	32	4	6	28

Dew-point. 8 a. m.	Dew-point. 8 p. m.	Dew-point. Monthly. (g)	Relative Humidity. 8 a. m.	Relative Humidity. 8 p. m.	Relative Humidity. Monthly. (g)	Vapor Pressure. 8 a. m.	Vapor Pressure. 8 p. m.	Vapor Pressure. Monthly. (g)
43.6	47.4	45.5	87.2	77.5	82.4	.303	.347	.323

NUMBER OF DAYS WITH—(j)

Maximum. 32° or below.	Maximum. 90° or above.	Minimum. 32° or below.	Minimum. Zero or below.
0	0	6	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)
6362	8.6	SW	35	NW	2

NUMBER OF TIMES WIND OBSERVED FROM THE—

N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
7	9	4	8	7	10	11	6	0

WEATHER.

MEAN CLOUDINESS.

8 a. m.	8 p. m.	Monthly. (t)
6.2	4.9	5.7

Sunshine. Percentage of possible.
48

NUMBER OF DAYS.

Clear.	Partly cloudy.	Cloudy.
11	9	11

NUMBER OF DAYS WITH PRECIPITATION (MID. TO MID.).

Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
1	3	9

MISCELLANEOUS PHENOMENA.

DATES OF—(MIDNIGHT TO MIDNIGHT).

Frosts. Light.	Frosts. Heavy.	Frosts. Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Fog. Dense.	Haze. Light.	Haze. Dense.	Smoke. Light.	Smoke. Dense.	Hail.	Aurora.
—	—	—	0	0	0	0	24-1 26 29	26	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest amount in 24 consecutive hours. Am't.	Greatest amount in 24 consecutive hours. Date. (k)	Excessive. 2.50 Inches in 24 Hours. (l) * Am't.	Duration. h.	Duration. m.	Date. (k)	Excessive. 1 Inch per Hour. (l) Am't.	Duration. h.	Duration. m.	Date. (k)
2.33	1.03	22 23	—	0		—	—	0		—

NUMBER OF DAYS WITH—(MID. TO MID.).

Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	Snow. .01 or more melted.
12	13	7	4	0	14 (was 13)	3	2

Snow. Total Depth. (o)	Snow. Average Depth at End of Month.
1.6	0

(w) Maximum precipitation in 5 minutes .12, date 11"; 10 minutes .17, date 11"; 15 minutes .18, date 11";
30 minutes .22, date 11"; 1 hour .26, date 11"; 2 hours .30, date 11"

EXCESSIVE.

Date.	Total Duration. From—	Total Duration. To—	Total am't of precipitation.	Excessive Rate. Began—	Excessive Rate. Ended—	Am't before excessive began.
				None		

ACCUMULATED DEPTHS DURING EXCESSIVE RATE, FOR CONSECUTIVE PERIODS OF TIME INDICATED BELOW.

5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

*The duration is the time precipitation was actually recorded.

8—154

Prepared by W. S. Palmer L. F., Weather Bureau.

(6)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at ..... *, for the Month of* October *, 191* 3

Number of Station barometer, 656 *; sum of corrections,* .009 *inch.*

SPECIAL OBSERVATIONS.

Date.	Time. 75th Mer.	Time. Local (standard).	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind. Direction.	Wind. Velocity. †	Wind. Max. since last observation.	Wind. Direction.	Precipitation. ††	Clouds. Am't.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Special Phenomena.	Initials of Observer.	Date.
27	11.00A	10.00A	71.0	29.082	.120	28.962	29.90	43.4	40.4	37	6	78	43.4	NE	16			0	10	St	NE	Cloudy		HRC	27

Sent to C.O.

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

Form No. 1001—Met'l. (1913 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of November, 1913

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, ____; No. of wet thermometer in use, ____; No. of maximum thermometer in use, ____; No. of minimum thermometer in use, ____

† Elevation above ground of the dry thermometer, ____ feet; rain gage, ____ feet; anemometer, ____ feet.

If the office has been moved during the month, give date No; amount of change in height of barometer, ____ feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20. 1911. 7.00 A.M.; station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Cor Berry & Calhoun street, room 911 912; first observation taken in present office, 7.00 A. m. May 20, 1911

* Cancel words that are not appropriate.

† To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of November, 1913

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure.	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.		Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.							
1	68.0	29.748	-.115	29.633	30.60	23.4	22.0	21	82	.108	35.1	23.2	SW	9			0	0	0	0	Clear		H.T.C.	1
2	69.0	29.624	-.117	29.507	30.47	29.0	26.7	23	74	.118	36.0	28.6	S	7			0	5	Ci St	S	Pt Cloudy		Bas.	2
3	68.0	29.416	-.114	29.302	30.24	44.0	38.6	31	62	.172	45.6	43.2	SW	10			0	8	St	SW	Cloudy		H.T.C.	3
4	65.0	29.462	-.106	29.356	30.31	35.9	34.0	31	83	.172	53.8	35.9	W	9			T	0	0	0	Clear		H.T.C.	4
5	68.0	29.616	-.114	29.502	30.46	30.1	29.6	29	95	.157	40.0	28.3	N	1			0	0	Ft Fog	N	Clear		H.T.C.	5
6	68.0	29.359	-.113	29.246	30.19	35.0	32.9	30	81	.164	47.6	32.7	SE	2			0	0	0	0	Clear		H.T.C.	6
7	67.0	29.117	-.110	29.007	29.94	53.8	49.0	45	71	.298	53.8	52.4	S	12			0	4	St	SW	Pt Cloudy		H.T.C.	7
8	64.5	28.825	-.103	28.722	29.64	41.0	39.7	38	90	.228	55.0	40.8	SW	20	25	SW	40	10	St	SW	Cloudy		H.T.C.	8
9	65.0	28.890	-.104	28.786	29.73	29.2	27.7	25	83	.130	33.2	29.2	N	12			T	10	St	NW	Cloudy		H.T.C.	9
10	58.0	28.738	-.085	28.653	29.60	25.2	23.8	21	82	.108	29.7	25.2	NW	22	35	NW	.04	10	St	NW	Cloudy		H.T.C.	10
11	58.0	29.247	-.086	29.161	30.12	24.8	22.7	18	74	.093	24.8	23.4	SW	12			0	10	St	SW	Cloudy		H.T.C.	11
12	64.5	29.222	-.104	29.118	30.07	33.4	29.9	24	66	.124	33.4	29.2	S	13			0	2	Ci	SW	Clear		H.T.C.	12
13	67.0	29.180	-.110	29.070	30.00	54.9	54.0	53	95	.402	57.2	53.6	SW	12			.17	10	St	SW	Cloudy		H.T.C.	13
14	71.5	29.447	-.123	29.324	30.26	42.0	40.6	39	89	.237	52.9	42.0	N	6			.12	7	St	NW	Pt Cloudy		H.T.C.	14
15	72.5	29.428	-.126	29.302	30.25	35.7	35.7	36	100	.211	40.0	34.2	E	9			.01	10	Nb	E	Lt. Rain		H.T.C.	15
16	72.0	29.270	-.124	29.146	30.10	36.2	36.2	36	100	.211	36.2	34.8	NE	8			T	10	St	NE	Cloudy		Bas.	16
17	69.0	29.348	-.116	29.232	30.17	37.0	35.9	35	90	.203	39.9	35.4	SW	12			0	10	St	SW	Cloudy		H.T.C.	17
18	65.5	29.188	-.106	29.072	30.01	49.9	48.9	48	93	.334	49.9	40.6	SW	12			T	10	Nb	SW	Lt. Rain		H.T.C.	18
19	68.5	29.096	-.114	28.982	29.90	59.7	55.2	52	76	.387	59.7	58.1	SW	13			0	9	St Cu	SW	Cloudy		H.T.C.	19
20	68.0	29.196	-.113	29.083	30.00	59.8	59.8	60	100	.517	61.7	59.8	SW	9			T	10	Nb	SW	Lt. Rain		H.T.C.	20
21	67.0	29.222	-.110	29.112	30.03	56.3	53.1	51	81	.373	64.8	56.0	S	12			0	2	Ci	SW	Clear		H.T.C.	21
22	67.5	29.304	-.112	29.192	30.11	59.6	55.1	52	76	.387	63.0	59.6	S	12			0	0	0	0	Clear		H.T.C.	22
23	62.5	29.438	-.111	29.338	30.28	42.2	38.2	33	70	.187	68.6	42.2	NW	14	25	SW	T	10	St	NW	Cloudy		H.T.C.	23
24	62.5	29.492	-.099	29.393	30.34	36.4	32.2	29	72	.157	40.0	34.1	W	12			0	0	0	0	Clear		H.T.C.	24
25	64.0	29.579	-.103	29.476	30.44	30.4	27.4	22	68	.113	40.0	29.1	SW	8			0	7	A St.	SW	Pt Cloudy		H.T.C.	25
26	64.0	29.330	-.103	29.227	30.16	41.0	40.8	41	98	.256	46.5	40.3	SW	10			.19	10	St	SW	Cloudy		H.T.C.	26
27	65.0	29.430	-.106	29.324	30.27	40.3	40.3	40	100	.247	43.7	40.0	NE	8			.04	10	St Ft Fog	NE	Cloudy		H.T.C.	27
28	67.0	29.437	-.111	29.326	30.27	43.4	43.4	43	100	.277	45.4	43.4	NE	8			0	10	St Ft Fog	NE	Cloudy		H.T.C.	28
29	68.0	29.434	-.114	29.320	30.26	48.2	48.2	48	100	.334	48.2	47.1	NE	8			.37	10	Nb Lt Fog	NE	Lt. Rain		H.T.C.	29
30	68.0	29.331	-.113	29.218	30.15	54.8	54.8	55	100	.432	56.2	54.8	SE	3			T	10	St Lt Fog	SE	Cloudy		H.T.C.	30
31																								31
Sums	(a)	(a)		876.114	904.35	1231.6	1176.4	1108	2551	7.129	(a)	(a)	(a)	305	(a)	(a)	1.34	204	(a)	(a)	(a)		(a)	(a)
Means	(a)	(a)		29.204	30.145	41.1	39.2	36.9	85.0	.238	(a)	(a)	(c) SW	10.2	(a)	(a)	(a)	6.8	(c) St	(c) SW	(a)		(a)	(a)

Obs taken at 9.30 A.M.

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order.

†† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of November, 1913

Number of Station barometer, 6556; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
		In.		In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	69.0	29.642	.118	29.524	30.48	36.0	32.2	26	67	.136	44.2	23.4	SW	7			0	0	0	0	Clear			BAS.	1
2	68.0	29.474	.114	29.360	30.32	45.6	38.1	28	49	.150	52.3	29.0	S	8			0	2	CiSt	S	Clear			BAS.	2
3	68.5	29.290	.115	29.175	30.11	53.8	53.8	54	100	.417	58.2	44.0	SW	16	28	SW	T	10	Nb	SW	Ft. Rain			BAS.	3
4	70.0	29.575	.114	29.459	30.41	40.0	37.3	34	78	.195	42.4	35.1	NE	8			0	0	0	0	Clear	B6.15A E7.22A		BAS.	4
5	70.0	29.472	.114	29.353	30.30	47.6	41.1	33	57	.187	53.1	30.1	SE	3			0	0	0	0	Clear			BAS.	5
6	68.0	29.204	.113	29.091	30.03	53.4	46.9	40	61	.247	62.4	35.0	S	11			0	0	0	0	Clear			BAS.	6
7	69.0	28.901	.105	28.796	29.71	55.0	55.0	55	100	.432	60.9	53.8	S	18			.03	10	Nb	S	Lt. Rain			BAS.	7
8	67.5	28.998	.111	28.887	29.84	33.2	31.7	29	85	.157	41.0	32.7	W	12	26	SW	T	10	St	W	Cloudy			BAS.	8
9	66.5	28.624	.107	28.517	29.45	26.8	25.9	24	89	.124	29.2	26.8	NW	24	32	NW	.03	10	Nb	NW	Lt. Snow			BAS.	9
10	62.5	29.078	.098	28.980	29.94	24.6	23.1	20	81	.103	29.0	24.1	W	16	27	NW	T	10	St	W	Cloudy			BAS.	10
11	68.0	29.384	.114	29.270	30.23	30.5	28.0	24	74	.124	34.6	23.8	SW	7			0	Few	A.St.	SW	Clear			BAS.	11
12	68.5	29.136	.114	29.022	29.96	53.8	50.3	48	79	.334	59.8	33.4	SW	7	30	SW	0	5	StCu	W	Pt Cloudy			BAS.	12
13	72.5	29.292	.125	29.167	30.10	52.9	50.0	47	82	.322	62.2	52.9	N	6			0	6	St	N	Pt Cloudy			BAS.	13
14	75.0	29.548	.133	29.415	30.37	40.0	37.2	33	78	.187	46.4	40.0	NE	5			0	1	St	N	Clear			BAS.	14
15	74.0	29.286	.129	29.157	30.10	35.4	35.0	35	96	.203	37.2	35.4	NE	10			.08	10	St	NE	Cloudy			BAS.	15
16	71.0	29.302	.121	29.181	30.12	39.9	35.5	29	65	.157	47.1	35.2	W	4			0	0	0	0	Clear			BAS.	16
17	69.5	29.276	.117	29.159	30.10	40.7	37.2	33	73	.187	45.8	37.0	SW	13			0	0	0	0	Clear			BAS.	17
18	68.5	29.142	.113	29.029	29.96	59.4	57.9	57	92	.465	60.9	49.9	SW	12			T	3	St	SW	Clear			BAS.	18
19	69.0	29.078	.115	28.963	29.88	60.7	58.2	57	86	.465	63.8	57.9	SW	13	27	SW	.22	3	St	SW	Clear			BAS.	19
20	68.5	29.216	.114	29.102	30.02	64.8	61.2	59	84	.499	66.8	59.8	S	8			T	10	St	S	Cloudy			BAS.	20
21	68.5	29.210	.114	29.096	30.02	63.0	57.5	54	72	.417	69.7	56.3	S	13	28	S	0	0	0	0	Clear			BAS.	21
22	69.0	29.176	.116	29.060	29.98	68.6	63.5	60	76	.517	69.9	59.6	SW	18			T	10	St	SW	Cloudy			BAS.	22
23	66.0	29.468	.109	29.359	30.31	40.0	36.1	31	69	.172	47.2	40.0	SW	9			0	0	0	0	Clear			BAS.	23
24	65.0	29.606	.106	29.500	30.45	40.0	35.2	28	62	.150	48.7	36.4	W	6			0	0	0	0	Clear			BAS.	24
25	66.0	29.372	.108	29.264	30.21	46.5	39.7	31	55	.172	48.8	30.4	SW	8			0	10	St	SW	Cloudy			BAS.	25
26	66.0	29.382	.109	29.273	30.22	43.7	43.7	44	100	.287	46.8	41.0	E	4			.01	10	Nb	E	Ft. Rain			BAS.	26
27	67.0	29.441	.111	29.330	30.27	45.4	42.9	40	82	.247	45.7	40.3	E	8			0	10	St	E	Cloudy	B.D.N.A. E8.20A		BAS.	27
28	70.5	29.414	.121	29.293	30.23	47.7	47.7	48	100	.334	47.9	43.4	E	7			.01	10 -	Nb Ft. Fog	E E	Ft. Rain	B.D.N.A. E - -		BAS.	28
29	69.0	29.434	.117	29.317	30.26	56.2	55.7	55	97	.432	56.2	48.2	SE	9			.02	10 -	St Ft. Fog	SE SE	Cloudy	- - -		BAS.	29
30	67.0	29.216	.110	29.106	30.04	56.3	56.3	56	100	.448	57.9	53.8	SE	10			.54	10	Nb	SE	Ft. Rain	E 9.00 H		BAS.	30
31																									31
Sums	(a)	(a)		875.205	903.42	1401.5	1313.9	1212	2389	8.267	(a)	(a)	(a)	306	(a)	(a)	0.94	160	(a)	(a)	(a)	5		(a)	(a)
Means	(a)	(a)		29.174	30.114	46.7	43.8	40.4	79.6	.276	(a)	(a)	(c) SW	10.0	(a)	(a)	(a)	5.3	(c) St	(c) SW	(a)	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of November, 1913

Date.	TEMPERATURE. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean. (Max. and Min.) (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	PRECIPITATION. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (Mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. * ‡‡	Snow unmelted. 7 p.m. to 7 p.m. * ‡‡	Hail, sleet, and snow on ground at 7 p.m. * ‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
1 Saturday	44	23	21	0	34																0				0	0	0	0	1
2	52	29	23	6	40																0				0	0	0	0	2
3	58	43	15	10	50																T				0	0	0	0	3
4	45	33	12	11	39																0				0	0	0	0	4
5	56	28	28	3	42																0				0	0	0	0	5
6	62	33	29	6	48																0				0	0	0	0	6
7	61	49	12	7	55																.41				0	0	0	0	7
8	50	32	18	14	41																.02				0	0	0	0	8
9	32	26	6	12	29																.06				0	0.3	0.3	.06	9
10	30	24	6	2	27																.01				0	0.4	0.5	.01	10
11	35	23	12	2	29																0				0	0	T	0	11
12	60	29	31	15	44																.10				0	0	0	0	12
13	62	45	17	10	54																.17				0	0	0	0	13
14	46	35	11	14	40																.02				0	0	0	0	14
15	37	34	3	4	36																.09				0	0	0	0	15
16	47	35	12	5	41																0				0	0	0	0	16
17	47	35	12	0	41																0				0	0	0	0	17
18	61	47	14	13	54																T				0	0	0	0	18
19	64	58	6	7	61																.22				0	0	0	0	19
20	67	60	7	3	64																T				0	0	0	0	20
21	70	56	14	1	63																0				0	0	0	0	21
22	70	53	17	1	62																T				0	0	0	0	22
23	53	34	19	18	44																0				0	0	0	0	23
24	49	34	15	2	42																0				0	0	0	0	24
25	49	29	20	3	39																.03				0	0	0	0	25
26	47	40	7	5	44																.19				0	0	0	0	26
27	46	40	6	1	43																.02				0	0	0	0	27
28	48	43	5	3	46																.02				0	0	0	0	28
29	56	47	9	6	52																.38				0	0	0	0	29
30	58	54	4	4	56																.70				0	0	0	0	30
31																													31
S----	1562	1151	411	188	1360		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	2.44		Total excess or deficiency since January 1,		0	0	(a)	(a)	(a)
M----	52.1	38.4	13.7	6.3	45.3	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, S^{d}—dry snow, S^{m}—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

Estimated

SUMMARY FOR THE MONTH OF November, 1913

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean -.007)

STATION.

Mean. 8 a. m.	Mean. 8 p. m.	Mean. Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.204	29.174	29.189	29.633	1"	28.517	9"	1.116
Corrected mean		29.182					

REDUCED.

Mean. 8 a. m.	Mean. 8 p. m.	Mean. Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
30.145	30.114	30.130	30.60	1	29.45	9	~~1.25~~ 1.15
Corrected mean		30.123	3,500-ft.			10,000-ft.	

TEMPERATURE.

MEAN.

Dry. 8 a. m.	Dry. 8 p. m.	Dry. (8+8)÷2 (g)	Wet. 8 a. m.	Wet. 8 p. m.	Wet. Monthly. (g)	Max.	Min.	Monthly. (g)
41.1	46.7	43.9	39.2	~~43.8~~ 40.4	~~41.5~~ 39.8	52.1	38.4	45.2

Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
—	—	—	70	22	23	1"	47	31	12	3	15

Dew-point. 8 a. m.	Dew-point. 8 p. m.	Dew-point. Monthly. (g)	Relative Humidity. 8 a. m.	Relative Humidity. 8 p. m.	Relative Humidity. Monthly. (g)	Vapor Pressure. 8 a. m.	Vapor Pressure. 8 p. m.	Vapor Pressure. Monthly. (g)
36.9	40.4	38.6	85.0	79.6	~~82.2~~ 82.3	.238	.276	.257

Number of days with—(j) Maximum. 32° or below.	Maximum. 90° or above.	Minimum. 32° or below.	Minimum. Zero or below.
2	0	9	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of Times Wind Observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
7,836	10.9	SW	40	NW	9	4	7	4	5	10	21	6	3	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
6.8	5.3	6.7	35	9	3	18	1	1	13

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Fog. Dense.	Haze. Light.	Haze. Dense.	Smoke. Light.	Smoke. Dense.	Hail.	Aurora.
—	—	—	0	9"	0	0	5-27 28 29-30	0	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total Amount.	Greatest Amount in 24 Consecutive Hours. Am't.	Greatest Amount in 24 Consecutive Hours. Date. (k)	Excessive. 2.50 Inches in 24 Hours. (l) * Am't.	Duration. h. m.	Date. (k)	.1 Inch per Hour. (l) Am't.	Duration. h. m.	Date. (k)
2.44	0.71	30+	—	0	—	—	0	—

Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	Snow. .01 or more melted.	Snow. Total Depth. (o)	Snow. Average Depth at End of Month.
4	15	9	3	0	19	2	2	0.7	0

(w) Maximum precipitation in 5 minutes .03, date 30; 10 minutes .05, date 30; 15 minutes .06, date 30;
30 minutes .12, date 7"; 1 hour .18, date 30; 2 hours .27, date 7"

EXCESSIVE.

Date.	Total Duration. From—	To—	Total am't of precipitation.	Excessive Rate. Began—	Ended—	Am't before excessive began.	Accumulated Depths during Excessive Rate, for Consecutive Periods of Time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
				None																

+ Nov. 30 + Dec. 1.

*The duration is the time precipitation was actually recorded.

8—154

Prepared by _____

W. S. Palmer, L. F., Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at ....., *for the Month of* ....., *191*

Number of Station barometer, ...; *sum of corrections,* ..... *inch.*

Date.	SPECIAL OBSERVATIONS.																							Date.
	Time.		Barometer.					Thermometers.		Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind.				Precipitation. ††	Clouds.			State of Weather.	Special Phenomena.	Initials of Observer.	
	75th Mer.	Local (standard).	Attached thermometer.	Observed reading.	Total correction.	Station. (Observed reading plus total cor.)	Reduced to sea-level.	Dry.	Wet.					Direction.	Velocity. †	Max. since last observation.	Direction.		Am't.	Kind.	Dir. from.			

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation. 8—154

Form No. 1001—Met'l. (1913 edition.)

U. S. DEPARTMENT OF AGRICULTURE,

WEATHER BUREAU.

ORIGINAL MONTHLY RECORD

OF

OBSERVATIONS

AT

Fort Wayne, Ind.

For the Month of December, 1913

* Station is supplied with a barograph, thermograph, sunshine recorder, and self-recording rain gage.

† No. of dry thermometer in use, 5978; No. of wet thermometer in use, 5905; No. of maximum thermometer in use, 15028; No. of minimum thermometer in use, 11028

† Elevation above ground of the dry thermometer, 113 feet; rain gage, 107 feet; anemometer, 124 feet.

If the office has been moved during the month, give date No; amount of change in height of barometer, —— feet (higher or lower).

No. of extra barometer, 675; sum of corrections, -.017; date and observation upon which use of station barometer commenced, May 20. 1911 7.00 A.M.; station elevation, 856 feet; actual elevation, 856 feet.

Location of office: Number Cor Berry & Calhoun street, room 911-912; first observation taken in present office, 7.00 A. m. May 20, 1911

* Cancel words that are not appropriate.

† To be entered only in December unless changes are made during the year. Changes made during the year will be noted in the appropriate months.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of December, 1913

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 A. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 A. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 A. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level.	Thermometers. Dry.	Thermometers. Wet.	Dew-point.	Relative humidity.	Vapor pressure.	Self-reg. ther's. Max.	Self-reg. ther's. Min.	Wind. Dir.	Wind. Velocity. †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 a. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Initials of observer.	Date.
		In.		In.	In.	° (b)	° (b)	° (b)	% (b)	In. (b)	° (b)	° (b)		Mi.	Mi.		In. (b) ††	8					
1	66.0	29.250	-.108	29.142	30.07	53.7	51.2	49	85	.347	56.8	53.7	SE	6			.17	##	St	SE	Cloudy	B.A.S.	1
2	67.0	29.574	-.111	29.403	30.34	51.4	51.4	51	100	.373	55.3	50.4	NW	3			T	—	Dense Fog	NW	Foggy	B.A.S.	2
3	67.5	29.516	-.113	29.403	30.34	48.2	47.7	47	96	.322	53.2	47.9	N	3			0	10	St	N	Cloudy	B.A.S.	3
4	68.0	29.386	-.114	29.272	30.22	38.7	37.2	35	88	.203	45.0	36.8	W	6			0	10	St	W	Cloudy	B.A.S.	4
5	66.5	29.144	-.109	29.035	29.98	40.0	39.2	38	94	.228	46.5	38.1	W	7			0	10	St	W	Cloudy	B.A.S.	5
6	70.5	29.172	-.120	29.052	29.99	37.8	36.3	34	87	.195	43.2	36.6	E	4			0	10	St	NE	Cloudy	B.A.S.	6
7	66.0	28.722	-.106	28.616	29.54	35.9	35.4	35	95	.203	48.8	35.9	W	24	29	SW	.01	10	St	W	Cloudy	B.A.S.	7
8	57.0	29.278	-.085	29.193	30.15	25.6	24.0	21	80	.108	25.6	15.8	NW	22	33	W	.04	10	Nb	NW	Lt. Snow	B.A.S.	8
9	61.0	29.578	-.095	29.483	30.45	18.0	15.6	8	62	.057	26.1	17.9	SW	14			0	0	0	0	Clear	B.A.S.	9
10	55.0	29.136	-.088	29.058	30.01	33.3	30.7	27	75	.143	33.3	29.2	SW	1.5			0	10	St	SW	Cloudy	B.A.S.	10
11	62.5	29.472	-.099	29.373	30.33	26.0	23.4	18	68	.093	35.2	25.4	N	4			0	0	0	0	Clear	B.A.S.	11
12	62.0	29.448	-.098	29.350	30.30	32.4	28.9	23	65	.118	34.8	31.5	SW	12			0	1	Ci	SW	Clear	B.A.S.	12
13	63.0	29.426	-.101	29.325	30.27	32.9	28.4	21	56	.108	42.8	32.9	SW	10			0	0	0	0	Clear	B.A.S.	13
14	64.5	29.302	-.104	29.198	30.14	35.0	32.6	29	78	.157	43.2	34.0	SW	12			0	8	A.St.	SW	Cloudy	B.A.S.	14
15	68.5	29.508	-.115	29.393	30.35	25.0	24.6	24	95	.124	41.8	24.6	E	2			0	—	Dense Fog	E	Foggy	B.A.S.	15
16	62.5	29.300	-.099	29.201	30.14	40.0	38.0	35	84	.203	40.0	33.3	SW	13			T	10	St	SW	Cloudy	B.A.S.	16
17	60.0	29.214	-.092	29.122	30.07	34.4	32.9	30	86	.164	38.9	32.2	SW	12			0	10	St	SW	Cloudy	B.A.S.	17
18	61.5	29.306	-.096	29.210	30.15	29.0	26.2	21	69	.108	36.3	28.0	NW	6			0	8	A.St.	NW	Cloudy	B.A.S.	18
19	65.0	29.354	-.105	29.249	30.20	25.3	23.8	21	81	.108	35.1	24.8	S	6			0	0	0	0	Clear	B.A.S.	19
20	64.5	29.054	-.103	28.951	29.90	27.5	25.0	20	70	.103	36.1	26.8	SW	8			0	4	A.St.	SW	P.Cloudy	B.A.S.	20
21	66.5	29.120	-.111	29.009	29.96	26.9	26.9	27	100	.143	36.9	26.3	N	10			.09	10	Nb	N	Lt. Snow	B.A.S.	21
22	66.0	29.468	-.109	29.359	30.33	19.8	17.2	10	61	.063	30.8	19.7	N	4			0	0	0	0	Clear	B.A.S.	22
23	65.0	28.966	-.104	28.862	29.81	30.8	30.8	31	100	.172	30.8	25.1	NE	12+			.11	10	Nb	NE	Lt. Rain	B.A.S.	23
24	66.0	29.242	-.108	29.134	30.08	32.5	31.5	30	90	.164	34.0	31.4	NE	3			.01	10	St	NE	Cloudy	B.A.S.	24
25	66.5	29.112	-.108	29.004	29.95	31.5	30.0	28	84	.150	33.1	31.0	NE	14			0	10	St	N	Cloudy	B.A.S.	25
26	64.5	29.152	-.104	29.048	30.00	25.2	23.7	21	81	.108	31.8	24.2	N	12	26	N	T	10	St	N	Cloudy	B.A.S.	26
27	64.5	29.514	-.105	29.409	30.38	15.6	14.2	10	76	.063	20.0	14.1	SE	1			0	9	A.St.	SE	Cloudy	B.A.S.	27
28	64.5	29.464	-.105	29.359	30.33	28.2	28.2	28	100	.150	28.2	24.8	SW	6			T	10	Nb	SW	Lt. Snow	B.A.S.	28
29	65.0	29.388	-.106	29.282	30.24	28.4	26.9	24	82	.124	32.1	27.7	SW	7			0	10	St	SW	Cloudy	B.A.S.	29
30	65.0	29.348	-.105	29.243	30.19	30.0	27.6	23	74	.118	30.2	27.9	W	6			0	10	St	W	Cloudy	B.A.S.	30
31	66.5	29.252	-.109	29.143	30.09	27.2	24.7	20	70	.103	30.0	25.7	NE	4			0	10	St	E	Cloudy	B.A.S.	31
Sums		(a)	(a)	904.881	934.30	986.2	934.2	839	2532	4.823	(a)	(a)	(a)	268	(a)	(a)	0.43	218	(a)	(a)	(a)	(a)	(a)
Means		(a)	(a)	29.190	30.139	31.8	30.1	27.1	81.7	.156	(a)	(a)	(c) SW	8.6	(a)	(a)	(a)	7.0	(c) St	(c) SW	(a)	(a)	(a)

Reference letters in this form refer to paragraph 122, "Instructions for Preparing Meteorological Forms."

† By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at [illegible], for the Month of December, 1913

Number of Station barometer, 656; sum of corrections, -.009 inch.

OBSERVATIONS AT 8 P. M. 75TH MERIDIAN TIME, WHICH CORRESPONDS TO 7.00 P. M. 90 MERIDIAN TIME, THE STANDARD OF TIME IN LOCAL USE; 7.19 P. M. LOCAL MEAN TIME.

Date.	Barometer. Attached thermometer.	Barometer. Observed reading.	Barometer. Total correction.	Barometer. Station. (Observed reading plus total cor.) (b)	Barometer. Reduced to sea-level. (b)	Thermometers. Dry. (b)	Thermometers. Wet. (b)	Dew-point. (b)	Relative humidity. (b)	Vapor pressure. (b)	Self-reg. ther's. Max. (b)	Self-reg. ther's. Min. (b)	Wind. Dir.	Wind. Velocity. (b) †	Wind. Max. during preceding 12 hours.	Wind. Dir.	Precipitation. Amt. at 8 p. m. (b) ††	Clouds. Amt.	Clouds. Kind.	Clouds. Dir. from.	State of Weather.	Fog, Mid. to Mid. (local standard time). Light. (f)	Fog, Mid. to Mid. (local standard time). Dense. (f)	Initials of observer.	Date.
	In.	In.	In.	In.	In.	°	°	°	%	In.	°	°		Mi.	Mi.		In.								
1	67.0	29.398	-.111	29.287	30.23	55.3	53.8	52	91	.387	58.8	53.7	N	5			0	10	St	N	Cloudy			HHC	1
2	68.0	29.524	-.114	29.410	30.35	53.2	51.2	49	88	.347	56.1	51.4	NW	2			0	10	St	NW	Cloudy	B8.15A E10.00A	B DNA E8.15A	HHC	2
3	71.5	29.486	-.123	29.363	30.31	45.0	43.8	43	91	.277	48.3	45.0	NW	5			0	4	St	NW	Pt Cloudy			HHC	3
4	70.0	29.236	-.118	29.118	30.06	46.5	44.0	42	82	.266	54.0	38.7	W	12			0	0	0	0	Clear			HHC	4
5	70.5	29.138	-.120	29.018	29.96	43.2	42.0	41	91	.256	46.8	40.0	W	3			0	0	0	0	Clear			HHC	5
6	72.0	28.981	-.123	28.858	29.80	45.2	44.2	43	93	.277	45.2	37.8	E	4			.07	10	Nb	S	Lt. Rain			HHC	6
7	68.0	29.099	-.112	28.987	29.95	18.8	18.0	16	88	.085	35.9	18.2	W	16	34	NW	.11	10	Nb	W	Lt. Snow			HHC	7
8	67.0	29.604	-.111	29.493	30.46	25.4	23.9	21	81	.108	29.2	25.4	SW	12	31	NW	T	3	St	NW	Clear			HHC	8
9	67.0	29.442	-.111	29.331	30.29	31.4	29.2	26	77	.136	36.2	18.0	SW	14			0	0	0	0	Clear			HHC	9
10	63.5	29.276	-.102	29.174	30.11	35.2	31.7	26	68	.136	40.3	33.3	W	8			0	1	St	NW	Clear			HHC	10
11	66.5	29.478	-.110	29.368	30.33	34.8	30.8	25	64	.130	39.6	25.7	SW	7			0	0	0	0	Clear			HHC	11
12	66.5	29.420	-.110	29.310	30.26	42.8	39.3	35	74	.203	53.9	32.4	SW	12			0	0	0	0	Clear			HHC	12
13	65.5	29.368	-.107	29.261	30.21	43.2	40.2	36	78	.211	54.8	32.9	SW	12			0	0	0	0	Clear			HHC	13
14	70.5	29.423	-.121	29.302	30.25	41.8	39.0	35	79	.203	51.8	35.0	N	5			0	0	0	0	Clear			HHC	14
15	69.0	29.384	-.117	29.267	30.22	40.0	39.0	38	92	.228	41.2	24.0	SW	12			0	10	St	SW	Cloudy	B7.50A E2.00P	B DNA E7.50A	HHC	15
16	65.0	29.315	-.105	29.210	30.15	38.9	37.1	35	86	.203	43.2	38.9	SW	8			0	5	St	SW	Pt Cloudy			HHC	16
17	64.0	29.150	-.102	29.048	30.00	36.3	33.8	30	78	.164	39.2	34.4	SW	12			0	9	St	SW	Cloudy			HHC	17
18	68.0	29.410	-.114	29.296	30.26	35.1	32.0	28	72	.150	36.4	29.0	N	2			0	0	0	0	Clear			HHC	18
19	68.5	29.186	-.114	29.072	30.02	36.1	32.6	27	69	.143	40.3	25.3	SW	4			0	0	0	0	Clear			HHC	19
20	71.0	29.018	-.120	28.898	29.85	36.9	36.9	37	100	.219	42.3	27.5	W	6			T	10	Nb	W	Lt Rain			HHC	20
21	67.0	29.331	-.111	29.220	30.17	30.8	28.2	23	73	.118	33.2	25.1	NW	5			T	0	0	0	Clear			HHC	21
22	69.0	29.333	-.116	29.217	30.18	28.2	25.7	21	71	.108	34.3	18.9	E	12			0	0	0	0	Clear			HHC	22
23	70.5	29.130	-.120	29.010	29.96	34.0	33.1	32	91	.180	34.8	30.8	SW	6			.20	10	St	SW	Cloudy			HHC	23
24	71.5	29.269	-.122	29.147	30.10	33.1	32.6	32	95	.180	34.1	32.5	NE	4			T	10	St	NE	Cloudy			HHC	24
25	65.0	28.926	-.104	28.822	29.76	30.0	29.4	29	94	.157	31.5	28.4	N	16	32	NE	.01	10	Nb	N	Lt Snow			HHC	25
26	68.5	29.415	-.115	29.300	30.26	20.0	18.2	13	73	.074	25.2	20.0	N	5			0	0	0	0	Clear			HHC	26
27	68.0	29.501	-.114	29.387	30.36	25.9	23.4	18	69	.093	29.1	15.6	SE	4			0	10	St	S	Cloudy			HHC	27
28	68.0	29.476	-.114	29.362	30.32	32.1	29.3	25	71	.130	32.4	28.1	SW	4			T	10	St	SW	Cloudy			HHC	28
29	69.0	29.274	-.116	29.158	30.11	30.2	29.2	27	89	.143	30.2	28.4	SW	12			0	10	St	SW	Cloudy			HHC	29
30	70.0	29.356	-.119	29.237	30.19	30.0	28.4	26	83	.136	33.3	30.0	S	3			0	10	St	S	Cloudy			HHC	30
31	73.0	28.273	-.126	29.147	30.10	29.2	27.7	25	83	.130	29.7	27.2	NE	5			0	10	St	NE	Cloudy			HHC	31
Sums	(a)	(a)	(a)	905.078	934.58	1108.6	1047.7	956	2534	5.578	(a)	(a)	(a)	237	(a)	(a)	0.39	162	(a)	(a)	(a)	2	2	(a)	(a)
Means	(a)	(a)	(a)	29.196	30.148	35.8	33.8	30.8	81.7	.180	(a)	(a)	(c) SW	7.6	(a)	(a)	(a)	52	(c) St	(c) S W	(a)	(a)	(a)	(a)	(a)

Observations are begun about 7.40 o'clock, 75th meridian time.

† By dial when self-register is out of order. †† T indicates trace of precipitation.

8—154

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at Fort Wayne, Ind., for the Month of December, 1913

Date.	TEMPERATURE. Maximum. (b)	Minimum. (b)	Range. (b)	Change. (b)	Mean. (Max. and Min.) (b)	Normal.	Departure.	Total excess or deficiency since 1st of month.	PRECIPITATION. Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Character. ‡	Beginning.	Ending.	Total (Mid. to mid.). (b) ††	Normal.	Departure.	Total excess or deficiency since 1st of month.	Hail and sleet unmelted. 7 p.m. to 7 p.m. * ‡‡	Snow unmelted. 7 p.m. to 7 p.m. * ‡‡	Hail, sleet, and snow on ground at 7 p.m. * ‡‡	Amount of precipitation from melted snow (mid. to mid.).	Date.
	°	°	°	°	°																In.				In.	In.	In.	In.	
Monday 1	59	50	9	2	54																.01				0	0	0	0	1
2	56	50	6	1	53																T				0	0	0	0	2
3	51	39	12	8	45																0				0	0	0	0	3
4	54	37	17	1	46																0				0	0	0	0	4
5	47	37	10	4	42																0				0	0	0	0	5
6	49	37	12	1	43																.08 †				0	0	0	0	6
7	49	16	33	11	32																.15				0	1.1	1.1	.15 †	7
8	29	16	13	10	22																T †				0	0.4	0.9	T †	8
9	36	18	18	5	27																0				0	0	T	0	9
10	40	31	9	9	36																0				0	0	T	0	10
11	40	25	15	4	32																0				0	0	T	0	11
12	54	32	22	11	43																0				0	0	0	0	12
13	55	33	22	1	44																0				0	0	0	0	13
14	52	33	19	2	42																0				0	0	0	0	14
15	41	24	17	10	32																0				0	0	0	0	15
16	43	34	9	6	38																T				0	0	0	0	16
17	39	32	7	2	36																0				0	0	0	0	17
18	36	28	8	4	32																0				0	0	0	0	18
19	40	25	15	0	32																0				0	0	0	0	19
20	42	27	15	2	34																.09 †				0	0	0	.05 †	20
21	33	25	8	5	29																T †				0	0.5	T	T †	21
22	34	19	15	3	26																0				0	0	T	0	22
23	33	26	9	4	30																.31				0	1.0	0.3	.10	23
24	34	31	3	2	32																.01				0	T	T	T	24
25	32	28	4	2	30																.01				0	0.1	0.1	.01	25
26	32	17	15	6	24																0				0	T	T	0	26
27	29	14	15	2	22																0				0	0	T	0	27
28	32	27	5	8	30																T				0	T	T	T	28
29	30	28	2	1	29																0				0	0	T	0	29
30	33	27	6	1	30																0				0	0	T	0	30
31	30	26	4	2	28																0				0	0	T	0	31
S.	1266	892	374	130	1075		Total excess or deficiency since January 1,		(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	0.66		Total excess or deficiency since January 1,		0	3.1	(a)	(a)	(a)
M.	40.8	28.8	12.1	4.2 / 4.7	34.7	(a)			(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)			(a)	(a)	(a)	(a)	(a)	(a)

All data are in the standard of time in local use. ‡ Use the following abbreviations: R—rain, Sd—dry snow, Sm—moist snow, H—hail, Sl—sleet. †† T indicates trace of precipitation. ‡‡ Enter the local standard time of observation. * Inches and tenths.

1 Estimated

8—154

SUMMARY FOR THE MONTH OF December, 1913.

Data for pressure, dry and wet thermometers, dew-point, humidity, vapor pressure, and mean cloudiness are in 75th meridian time. All other data are in the standard of time in local use.

PRESSURE.

(Correction to reduce to a 24-hour mean −.006)

STATION.

Mean. 8 a. m.	Mean. 8 p. m.	Mean. Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
29.190	29.196	29.193	29.493	8"	28.616	7"	0.877
Corrected mean		29.187					

REDUCED.

Mean. 8 a. m.	Mean. 8 p. m.	Mean. Monthly. (g)	Highest. (h)	Date.	Lowest. (h)	Date.	Absolute range.
30.139	30.148	30.144	30.46	8	29.54	7	0.88 0.92
Corrected mean		30.138	3,500-ft.			10,000-ft.	

TEMPERATURE.

MEAN.

Dry. 8 a. m.	Dry. 8 p. m.	Dry. (8+8)÷2 (g)	Wet. 8 a. m.	Wet. 8 p. m.	Wet. Monthly. (g)	Max.	Min.	Monthly. (g)
31.8	35.8	33.8	30.1	33.8	32.0	40.8	28.8	34.8

Sea-level. (g)	3,500-ft. (g)	10,000-ft. (g)	Highest. (i)	Date. (i)	Lowest. (i)	Date. (i)	Absolute range.	Greatest daily range. (i)	Date. (i)	Least daily range. (i)	Date. (i)
—	—	—	59	1	14	27	45	33	7	2	29

Dew-point. 8 a. m.	Dew-point. 8 p. m.	Dew-point. Monthly. (g)	Relative Humidity. 8 a. m.	Relative Humidity. 8 p. m.	Relative Humidity. Monthly. (g)	Vapor Pressure. 8 a. m.	Vapor Pressure. 8 p. m.	Vapor Pressure. Monthly. (g)
27.1	30.8	29.0	81.7	81.7	81.7	.156	.180	.168

Number of days with—(j) Maximum. 32° or below.	Maximum. 90° or above.	Minimum. 32° or below.	Minimum. Zero or below.
16	0	20	0

WIND.

Total movement (mid. to mid.).	Average hourly velocity.	Prevailing direction. (p)	Maximum velocity. (r)	Direction. (r)	Date. (r)	Number of Times Wind Observed from the— N.	NE.	E.	SE.	S.	SW.	W.	NW.	Calm.
6,600	8.9	SW	34	NW	7	10	6	4	3	2	22	9	6	0

WEATHER.

Mean Cloudiness. 8 a. m.	8 p. m.	Monthly. (t)	Sunshine. Percentage of possible.	Number of Days. Clear.	Partly cloudy.	Cloudy.	Number of Days with Precipitation (Mid. to Mid.). Clear. (u)	Partly cloudy. (u)	Cloudy. (u)
7.0	5.2	6.6	35	9	5	17	0	0	7

MISCELLANEOUS PHENOMENA.

Dates of—(Midnight to Midnight).

Frosts. Light.	Heavy.	Killing.	Thunderstorms. (v)	Winds. (40 miles or over.)	Solar Halos.	Lunar Halos.	Fog. Light.	Dense.	Haze. Light.	Dense.	Smoke. Light.	Dense.	Hail.	Aurora.
—	—	—	0	0	27	0	2-15	2-15	0	0	0	0	0	0

PRECIPITATION (in inches and hundredths). (m)

Total amount.	Greatest Amount in 24 Consecutive Hours. Am't.	Date. (k)	Excessive. 2.50 Inches in 24 Hours. (l) * Am't.	Duration. h. m.	Date. (k)	1 Inch per Hour. (l) Am't.	Duration. h. m.	Date. (k)
0.66	0.31	23"	—	0	—	—	0	—

Number of days with—(Mid. to Mid.). Trace.	.01 or more.	.04 or more.	.25 or more.	1.00 or more.	Total.	Snow. Trace or more.	Snow. .01 or more melted.	Snow. Total Depth. (o)	Snow. Average Depth at End of Month.
5	7	4	1	0	12	8	4	3.1	T

Believed to be on 23," occurred as freezing rain. T.B. gage unreliable.

(w) Maximum precipitation in 5 minutes _____, date _____; 10 minutes _____, date _____; 15 minutes _____, date _____;

30 minutes _____, date _____; 1 hour _____, date _____; 2 hours _____, date _____

EXCESSIVE.

Date.	Total Duration. From—	To—	Total am't of precipitation.	Excessive Rate. Began—	Ended—	Am't before excessive began.	Accumulated Depths during Excessive Rate, for Consecutive Periods of Time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
None.																				

*The duration is the time precipitation was actually recorded.

8—154

Prepared by _____ W. S. Palmer, L. F., Weather Bureau.

(9)

ORIGINAL MONTHLY RECORD OF OBSERVATIONS at ....., *for the Month of* ....., *191*

Number of Station barometer, ...; *sum of corrections,* ..... *inch.*

Date.	SPECIAL OBSERVATIONS.																							Date.
	Time.		Barometer.					Thermometers.		Dew-point.	Depression of the dew-point.	Relative humidity.	Maximum thermometer.	Wind.				Precipitation. ††	Clouds.			State of Weather.	Special Phenomena.	Initials of Observer.	
	75th Mer.	Local (standard).	Attached thermometer.	Observed reading.	Total correction.	Station. (Observed reading plus total cor.)	Reduced to sea-level.	Dry.	Wet.					Direction.	Velocity. †	Max. since last observation.	Direction.		Am't.	Kind.	Dir. from.				

If additional space is required, rule a sheet similar to this, and paste to this margin. † By dial when self-register is out of order. †† T indicates trace of precipitation. 8—154

Form No. 1002—Met'l.

U. S. Department of Agriculture,

WEATHER BUREAU.

ANNUAL METEOROLOGICAL SUMMARY

FOR

191 3

STATION

Fort Wayne, Ind.

LOCATION OF OFFICE DECEMBER 31, 191__

Street, Cor. Berry & Calhoun. St.

Number,

Room, 911-912

SUM OF BAROMETER CORRECTIONS.

From 8.00A m Jan 1 *to* 8.00P m Dec 31 *inc.,* .009 *in.*

From ____ *m.* ____ *to* ____ *m.* ____ *inc.,* ____ *in.*

From ____ *m.* ____ *to* ____ *m.* ____ *inc.,* ____ *in.*

ANNUAL METEOROLOGICAL SUMMARY FOR 1913.—STATION Fort Wayne, Ind.

Latitude N. 41° 5'. Longitude W. 85° 10'. Local time — h. 41 min. (t) Slower than 75th meridian time.

MONTHS.	STATION PRESSURE. (Corrected for temperature, instrumental error, gravity, and removal.) Station Elevation of Barometer Cistern Above Mean Sea-Level, 856 Feet.								TEMPERATURE. Elevation of Dry Thermometer Bulb Above Ground on Dec. 31, 113 Feet.													No. of Days.		
	Mean.			Highest observed.	Date.	Lowest observed.	Date.	Absolute range.	Mean.		From Self-Registering Instruments.											Max. 32° or below	Max. 90° or above	Min. 32° or below
											Mean.			Highest.	Date.	Lowest.	Date.	Range.		Mean daily change.				
	8 a. m. (c)	8 p. m. (c)	Corrected monthly. (c)	(c)		(c)		(c)	8 a. m. (d)	8 p. m. (d)	Max. (d)	Min. (d)	Monthly. (d)	(e)		(e)		Absolute. (e)	Mean daily. (d)	(d)				
	In.	In.	In.	In.		In.		In.	°	°	°	°	°	°		°		°	°	°				
Jan.,	29.115	29.110	29.107	29.682	14	28.443	3	1.269	29.6	32.7	39.3	24.2	31.8	56	17	3	31	53	15.1	7.4		9	0	27
Feb.,	29.139	29.125	29.127	29.547	2	28.724	22	0.823	19.2	25.3	30.6	16.0	23.3	64	19	-4	5	68	14.7	7.5		15	0	26
Mar.,	29.104	29.104	29.099	29.704	22	28.262	21	1.442	32.0	37.7	46.2	26.4	36.3	70	14	0	2	70	19.8	9.5		6	0	21
April,	29.177	29.142	29.155	29.581	21	28.793	3	0.788	44.4	52.1	59.0	40.1	49.6	78	22	27	7	51	18.9	5.7		0	0	4
May,	29.158	29.095	29.121	29.544	10	28.810	26	0.734	54.1	63.5	70.4	49.4	59.9	84	2	33	10	51	21.0	6.0		0	0	0
June,	29.189	29.120	29.150	29.650	10	28.948	30	0.702	66.2	76.0	82.4	59.0	70.7	98	30	39	8	59	23.4	5.0		0	9	0
July,	29.115	29.065	29.087	29.291	16	28.760	12	0.531	69.5	79.0	74.2 (83.9)	64.3	75.1	93	30	53	7	42	21.6	3.3		0	11	0
Aug.,	29.176 (48)	29.093	29.116	29.287	20	28.933	29	0.354	67.2	76.8	83.0	62.9	73.0	94	16	51	25	43	20.1	3.6		0	2	0
Sept.,	29.214	29.162	29.183	29.461	10	28.724	20	0.737	57.3	65.6	73.8	52.4	63.1	96	2	34	23	62	21.4	5.0		0	4	0
Oct.,	29.093	29.084	29.082	29.646	31	28.533	20	1.113	47.4	54.7	62.1	44.6	53.4	86	10	29	22	57	17.5	4.1		0	0	6
Nov.,	29.204	29.174	29.182	29.633	1	28.577	9	1.116	41.1	46.7	52.1	38.4	45.2	70	22	23	1	47	13.7	6.3		2	0	9
Dec.,	29.190	29.196	29.187	29.493	8	28.616	7	0.877	31.8	35.8	40.8	28.8	34.8	59	1	14	27	45	12.1	4.2		6	0	20
Sum,	349.846	349.470	349.596	Highest.	Date.	Lowest.	Date.	10.486	559.8	645.9	725.5	506.5	616.1	Max.	Date.	Min.	Date.	648	219.3	67.6		38	26	113
Mean,	29.154	29.122	29.133	29.704	22	28.262	21	0.874	46.6	53.8	60.5	42.2	51.3	98	June 20	-4	Feb 5	54	18.3	5.6		a	a	a

a Omit data from this space. c To thousandths. d To tenths. e To whole numbers. t Enter the word "faster," or "slower," as the case may be.

8—272

MONTHS.	CORRECTED MEAN MONTHLY REDUCED PRESSURES AND MEAN MONTHLY REDUCED TEMPERATURES.						DEW-POINT.			RELATIVE HUMIDITY (Percentage).			VAPOR PRESSURE.			PRECIPITATION. (Amount in inches and hundredths.) Elevation of Top of Gage Above Ground Dec. 31, 107 Feet.									SNOWFALL (total depth.)
	Sea-Level.		3,500-foot.		10,000-foot.		Mean.			Mean.			Mean.			Total Amount.	Greatest Amount in any 24 Consecutive Hours.		Excessive.						
																			2.50 inches in 24 hours. (g) (h)			1 inch per hour. (g)			
	Pressure.	Temperature.	Pressure.	Temperature.	Pressure.	Temperature.	8 a. m.	8 p. m.	Monthly.	8 a. m.	8 p. m.	Monthly.	8 a. m.	8 p. m.	Monthly.		Amt.	Date.	Amt.	Dur't'n. (h.&m.)	Date.	Amt.	Dur't'n. (h.&m.)	Date.	
	(c)	(d)	(b)	(d)	(b)	(d)	(e)	(e)	(e)	(e)	(e)	(e)	(c)	(c)	(c)										
	In.	°	In.	°	In.	°	°	°	°	%	%	%	In.	In.	In.	In.	In.		In.			In.			In.
Jan.,	30.039						24	29	26	80	84	82	.141	.167	.154	5.54	1.50	17 18	—	0	—	—	0	—	10.0
Feb.,	30.089						14	20	17	78	80	79	.095	.120	.108	1.37	0.56	25 26	—	0	—	—	0	—	10.1
Mar.,	30.047						27	32	30	80	80	80	.171	.204	.188	7.10	2.76	23 24	2.76	13-25	23 24	—	0	—	12.6
April,	30.091						38	45	41	79	78	79	.241	.307	.274	2.54	1.29	9 10	—	0	—	—	0	—	0
May,	30.047						46	52	49	76	69	72	.322	.400	.361	3.77	1.98	26	—	0	—	—	0	—	0
June,	30.062						55	57	56	68	54	61	.463	.494	.478	0.69	0.21	1	—	0	—	—	0	—	0
July,	29.993						61	63	62	76	59	68	.537	.595	.576	3.65	2.12	14	—	0	—	1.00	0.39	14	0
Aug.,	30.027						60	63	62	79	64	72	.534	.600	.567	3.06	1.43	10 11	—	0	—	—	0	—	0
Sept.,	30.107						52	53	53	83	70	77	.410	.451	.430	3.01	1.22	30	—	0	—	1.00	0.30	30	0
Oct.,	30.012						44	47	46	87	78	82	.303	.347	.325	2.33	1.03	22 23	—	0	—	—	0	—	1.6
Nov.,	30.123						37	40	39	85	80	82	.238	.276	.257	2.44	0.71	30	Dec. 1	0	—	—	0	—	0.7
Dec.,	30.138						27	31	29	82	82	82	.156	.180	.168	0.66	0.31	23	—	0	—	—	0	—	3.1
Sum,	360.795						485	534	510	953	878	916	3.631	4.141	3.886	36.16	a	a	a	a	a	a	a	a	38.1
Mean,	30.066						40	44	42	79	73	76	.303	.345	.324	a	2.76	Mar. 23,24	a	a	a	a	a	a	a

b To hundredths. *g* No entry unless the precipitation actually equaled or exceeded 2.50 inches in 24 consecutive hours, or 1 inch per hour, as the case may be. *h* The duration is the time precipitation was actually recorded.

MONTHS.	MEAN CLOUDINESS. (0 to 10.)			HOURS OF SUNSHINE.			WIND. Elevation of Anemometer Cups Above Ground Dec. 31, 124 Feet.						Direction. Number of Times Observed Blowing from the—								NUMBER OF DAYS.											
	8 a.m. (d)	8 p.m. (d)	Monthly. (d)	Total.	Possible.	Percentage.	Total Movement in Miles.	Prevailing Direction.	Maximum Hourly Velocity During Month. Miles.	From.	Date.	No. of Days with 40 Miles and Over. (h)	N.	NE.	E.	SE.	S.	SW.	W.	NW.	No. of Calms.	Clear. *	Partly Cloudy. *	Cloudy. *	Precipitation. .01 inch and over.	.04 inch and over.	Snow, trace and over.	Snow, .01 inch and over.	Hail.	Dense Fog.	Thunderstorms.	Auroras.
Jan.,	8.0	6.5	7.2	90.8	298.2	30	8186	SW	39	SW	18	0	2	6	2	6	12	17	9	8	0	6	6	19	19	14	12	8	0	1	1	0
Feb.,	4.7	3.7	5.1	148.4	298.2	50	7,818	SW	42	SW	22	1	5	6	2	2	6	23	6	6	0	11	8	9	10	8	13	7	0	0	0	0
Mar.,	5.4	5.3	4.9	213.7	370.8	58	10,388	SW	64	SW	21	4 3	7	3	4	10	10	20	4	10	0	13	9	9	13	13	11	6	0	0	5	0
April,	4.2	5.1	4.4	243.1	399.9	61	8,147	N	36	SW	3	0	12	6	8	3	6	9	3	9	0	16	3	11	11	8	0	0	0	0	1	0
May,	5.7	5.1	4.4	276.9	449.0	62	6,621	SW	37	SW	15	0	8	10	7	1	10	11	4	10	1	12	11	8	9	7	6	0	0	0	4	0
June,	2.3	3.1	1.9	369.1	452.0	82	6,180	SW	36	W	19	0	2	15	6	2	3	17	7	6	0	25	3	2	7	5	0	0	0	0	5	0
July,	3.2	3.4	2.2	381.4	458.3	83	6,151	NW	37	S	8	0	5	1	4	8	3	16	7	18	0	23	7	1	11	7	0	0	0	0	1	0
Aug.,	5.0	4.5	3.1	324.2	426.9	76	5,370	SW	27	S	8	0	5	11	4	4	9	14	6	9	0	19	9	3	7	7	0	0	0	0	6	0
Sept.,	5.6	3.3	4.9	228.7	374.0	61	5,477	NE	26	SW	20	0	2	11	13	7	11	6	3	7	0	11	9	10	10	8	0	0	1	1	3	0
Oct.,	6.2	4.9	5.7	165.3	344.1	48	6,362	SW	33	NW	2	0	7	9	4	8	7	10	11	6	0	11	9	11	13	7	3	2	0	1	0	0
Nov.,	6.8	5.3	6.7	105.2	297.0	35	7,836	SW	40	NW	9	1	4	7	4	5	10	21	6	3	0	9	3	18	15	9	2	2	0	0	0	0
Dec.,	7.0	5.2	6.6	101.5	287.3	35	6,600	SW	34	NW	7	0	10	6	4	3	2	22	9	6	0	9	5	17	7	4	8	4	0	2	0	0
Sum,	64.1	55.4	57.1	2648.3	4455.7	681	85,136	a j	a j	a j	a j	6	63	91	62	61	91	186	77	98	1	165	82	118	132	97	50	30	1	5	36	0
Mean,	5.3	4.6	4.8	220.7	371.3	57	a	SW	64	SW	Mar. 21	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a	a

h Days with 40 miles per hour and over. *j* One entry only. * From sunrise to sunset.

MONTHS.	WIND.																								
	Mean Hourly Velocity.																								
	1 a. m.	2 a. m.	3 a. m.	4 a. m.	5 a. m.	6 a. m.	7 a. m.	8 a. m.	9 a. m.	10 a. m.	11 a. m.	12 Noon.	1 p. m.	2 p. m.	3 p. m.	4 p. m.	5 p. m.	6 p. m.	7 p. m.	8 p. m.	9 p. m.	10 p. m.	11 p. m.	12 Mid't.	For the Month.
Jan.,	9.7	10.1	9.7	9.8	9.7	10.3	10.7	11.3	12.0	12.1	13.0	12.8	13.7	13.3	12.4	11.4	10.3	9.4	10.1	10.1	10.3	10.5	10.8	10.3	11.0
Feb.,	10.2	10.4	10.4	10.2	10.6	10.9	11.1	11.6	12.5	12.8	13.1	13.2	14.6	14.2	13.9	13.5	12.2	10.8	10.4	10.6	10.4	10.9	10.3	10.2	11.6
Mar.,	12.9	12.9	12.7	13.1	12.5	12.1	13.1	14.5	15.6	16.2	16.5	16.3	17.5	17.0	16.1	15.1	14.1	12.0	11.7	11.5	12.2	13.2	13.5	13.0	14.0
April,	9.5	9.3	8.9	9.0	9.2	8.9	9.8	11.0	11.9	12.8	13.6	13.9	15.5	15.6	14.9	14.8	13.7	11.9	10.3	9.8	9.9	9.6	9.1	8.6	11.3
May,	7.8	7.0	6.4	6.3	6.3	7.1	7.4	8.4	9.5	10.1	10.8	11.1	12.0	12.0	12.1	11.5	10.7	9.8	8.4	8.0	7.7	7.8	8.0	7.6	8.9
June,	6.5	6.4	6.1	6.3	6.4	7.0	8.2	8.9	10.2	11.1	11.7	11.1	12.1	11.9	11.7	10.7	10.2	8.4	6.8	6.6	6.9	7.0	7.1	6.8	8.6
July,	6.4	6.4	5.7	5.3	5.6	6.2	7.0	8.0	8.9	9.8	10.8	10.7 11.7	11.5	11.7	11.6	10.9	10.4	9.1	7.7	6.6	6.3	7.3	7.5 5.7	6.9	8.3
Aug.,	5.5	5.5	5.6	5.9 5.9	5.5 5.6	5.6 6.7	6.7 7.2	7.2 7.9	7.9 8.6	8.6 9.2	9.2 9.3	9.3 10.5	10.5 9.7	9.7 9.7	9.7 8.9	8.9 8.4	8.4 7.6	7.6 6.3	6.3 5.8	5.8 6.3	6.3 5.9	5.9 6.0	6.0	5.4	7.2
Sept.,	6.1	6.2	6.2	6.3	6.2	6.0	6.8	7.4	8.2	8.8	9.1	9.6	10.4	10.0	9.2	8.8	8.3	7.4	7.1	7.2	7.2	7.4	6.4	6.3	7.6
Oct.,	7.8	8.0	8.3	7.4	7.2	7.3	7.2	8.1	9.3	9.5	9.9	10.5	10.9	10.4	10.2	9.7	8.2	7.6	8.2	8.4	8.4	7.6	7.8	7.6	8.6
Nov.,	10.2	9.6	9.3	9.4	9.9	9.6	10.4	10.7	11.6	12.6	13.1	13.0	13.9	12.7	12.4	11.4	10.4	9.7	10.3	10.1	10.5	10.3	9.8	10.2	10.9
Dec.,	8.7	8.6	8.5	8.6	8.6	8.6	8.7	9.0	9.4	9.3	9.6	10.1	11.0	10.7	10.2	8.9	8.0	7.7	8.0	7.9	8.0	8.0	8.1	8.5	8.9
Sum,	101.3	100.4	97.8	97.6	97.7	99.5	107.1	116.1	127.0	133.7	140.4	142.6	153.6	149.2	144.4	135.6	124.9	111.4	105.3	102.6	104.1	105.5	102.6	101.6	116.9
Mean,	8.4	8.4	8.2	8.1	8.1	8.3	8.9	9.7	10.6	11.1	11.7	11.8	12.8	12.4	12.0	11.3	10.4	9.3	8.8	8.6	8.7	8.8	8.6	8.5	9.7

MEAN HOURLY ATMOSPHERIC TEMPERATURE.—(By Richards' Thermograph.)

MONTHS.	1 a. m.	2 a. m.	3 a. m.	4 a. m.	5 a. m.	6 a. m.	7 a. m.	8 a. m.	9 a. m.	10 a. m.	11 a. m.	12 Noon.	1 p. m.	2 p. m.	3 p. m.	4 p. m.	5 p. m.	6 p. m.	7 p. m.	8 p m.	9 p. m.	10 p. m.	11 p. m.	12 Mid't.	For the Month.
Jan.,																									
Feb.,																									
Mar.,																									
April,																									
May,																									
June,																									
July,																									
Aug.,																									
Sept.,																									
Oct.,																									
Nov.,																									
Dec.,																									
Sum,																									
Mean,																									

Prepared by H. G. Callaman

H. S. Palmer
Weather Bureau.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JAN 1 1913, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	29	28	28	27	27	28	30	30	31	32	33	36	40	43	42	40	38	37	40	39	39	39	41	40
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions										Cloudy			Clear											
Sunrise: Time, 7.06 Character, Cloudy																					Sunset: Time, 4.23 Character, Clear			
Sunshine (in tenths of hours)								0	0	0	0	0.3	1.0	1.0	1.0	1.0	0.38							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	SE	SE	SE	SE	S	SE	E	SE	SE	SE	SE	SE	SE	SE
Wind movement	8	7	5	7	7	8	4	2	3	3	5	5	6	8	9	6	5	7	11	13	11	11	8	9
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

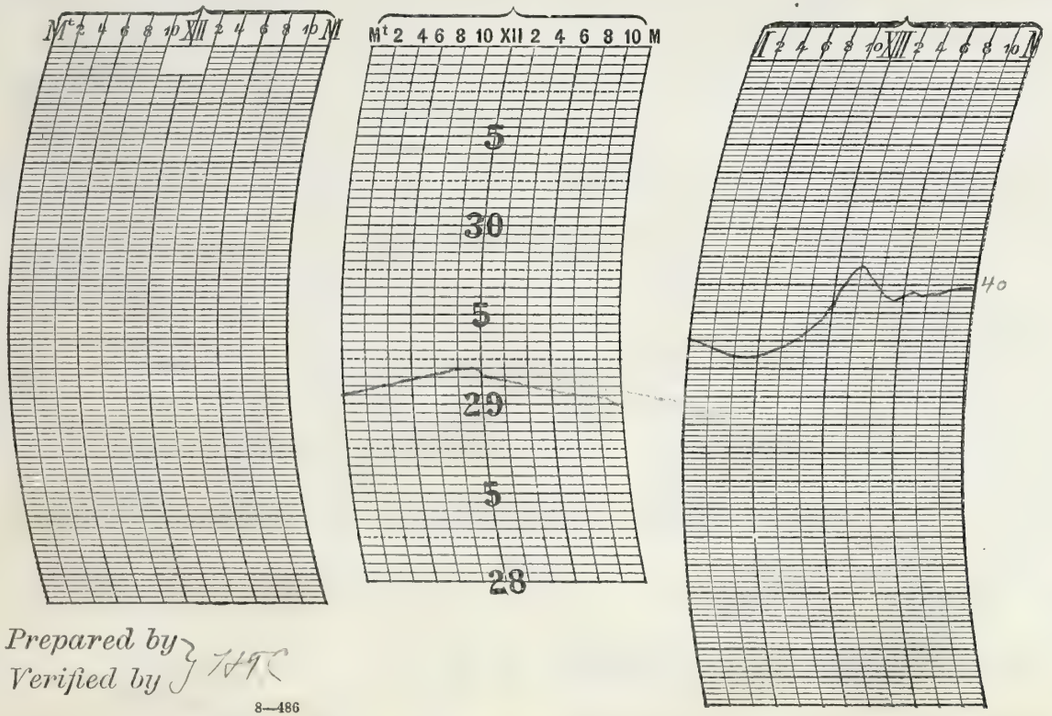
1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
43	27	33	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, PtCloudy. Moon phase,
Average daily cloudiness (0–10) 4
Actual sunshine, hours, 4.7
Possible sunshine, hours, 9.3
Percentage of possible sunshine, 51
Prevailing direction SE
Total movement, 168
Average hourly velocity, 7.0

Maximum velocity,	Direction,	Time.
15	SE	7.14 PM

Extreme velocity, 15
Relative humidity, 73 a. m. 80 p. m.
Reduced barometer, 30.16 a. m. 30.21 p. m.
River gage, 2.3 ft.



Prepared by
Verified by J Hall

8—486

NOTES.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JAN 9 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	40	41	40	41	41	41	40	41	42	44	44	46	46	45	44	43	40	36	35	34	33	32	29	28
State of weather: Nature of precipitation and time of beginning and ending																RB 345			RE 620					
State of weather: Amounts of precipitation																T	.02	.02	T					
State of weather: Cloudiness and other conditions										(Cloudy			– Cloudy											
Sunrise: Time, Character	7.06 Cloudy																							
Sunset: Time, Character																					4.24 Cloudy			
Sunshine (in tenths of hours)								0	0	0	0	0.9	0.5	0	0	0	0							
Wind direction	SE	SE	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	W	SW	SW	SW	NW	NW	NW	NW	NW
Wind movement	10	11	12	14	13	11	11	9	10	13	15	17	16	11	10	8	11	8	6	7	9	7	13	14
Maximum velocities (exceeding 20 miles) direction and time	21																							

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	46	28	37	

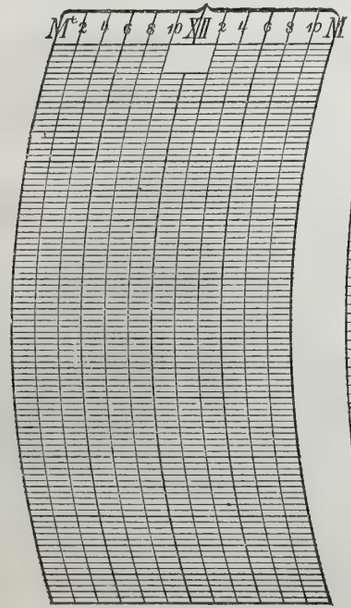
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .04 ins.
Total precipitation, midnight to midnight, .04 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 10
Actual sunshine, hours, 1.4
Possible sunshine, hours, 9.3
Percentage of possible sunshine, 15
Prevailing direction SW
Total movement, 268
Average hourly velocity, 11.2

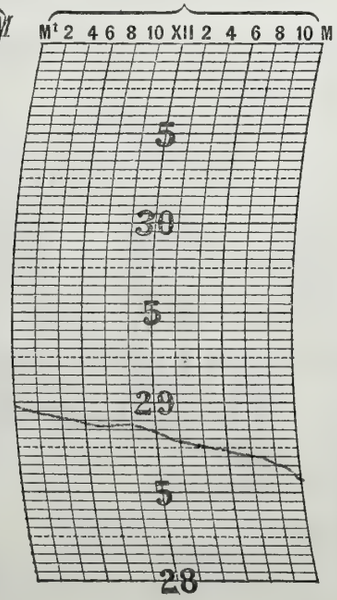
Maximum velocity,	Direction,	Time.
21	SW	11.25 a m

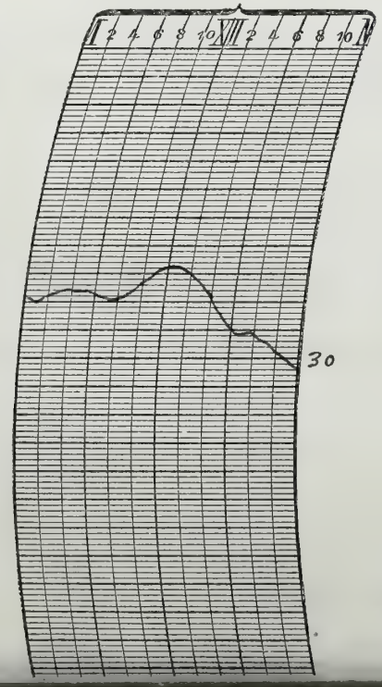
Extreme velocity, 31

	a. m.	p. m.
Relative humidity,	72	95
Reduced barometer,	29.82	29.65

River gage, 2.5 ft.







NOTES.

Prepared by
Verified by J.H.T.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JAN 3 1913, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	27	26	26	25	25 SE 5.40	24	24	25	24	25	26	26	26	25	25	25 SE 4.40	26	26	26	25	25	25	25
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions										Cloudy				Cloudy										
Sunrise: Time, 7.56 Character, Cloudy																					Sunset: Time, 4.25 Character, Cloudy			
Sunshine (in tenths of hours)				0				0	0	0	0	0	0	0	0	0	0							
Wind direction	NW	NW	NW	NW	W	NW	NW	W	W	W	W	W	W	W	SW	W	W	W	W	W	W	W	W	W
Wind movement	15	14	16	17	15	18	20	17	20	17	21	22	24	26	25	24	21	21	18	23	23	19	15	17
Maximum velocities (exceeding 25 miles) direction and time														30 SW 1.51										

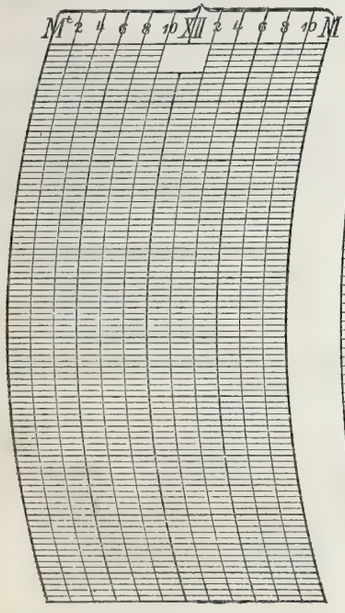
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

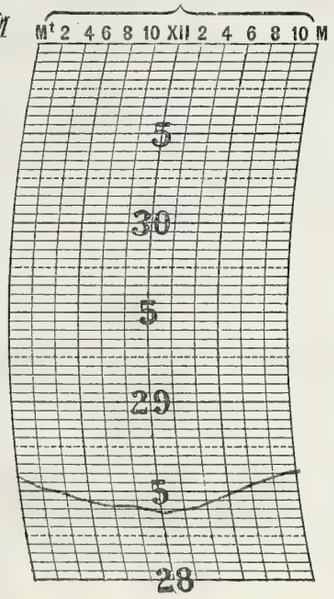
	Maximum.	Minimum.	Mean.	Normal.
	28	24	26	

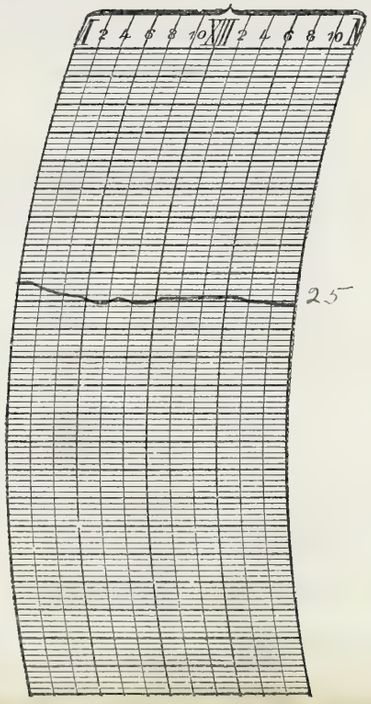
Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.
Snow on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0.1 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 10
Actual sunshine, hours, 0
Possible sunshine, hours, 4.3
Percentage of possible sunshine, 0
Prevailing direction W
Total movement, 468
Average hourly velocity, 19.5

Maximum velocity,	Direction,	Time.
30	SW	1.51 p.m.

Extreme velocity, 31
Relative humidity, 81 a. m. 75 p. m.
Reduced barometer, 29.34 a. m. 29.43 p. m.
River gage, 2.4 ft.







NOTES.

Light snow fell during the day

Prepared by
Verified by H.T.S.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JAN 4 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	23	22	21	20	19	19	20	20 SB 8.45	21	21	21	21	22	21	22	23 SI 5 4.10	22	20	21	21	21	20	14
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions									— Cloudy			—	Cloudy —											
Sunrise: Time, Character, 7.06 Cloudy																					Sunset: Time, Character, 4.26 Cloudy			
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	W	W	W	SW	W	W	SW	SW	SW	SW	SW	W	SW	W	W	NW	NW	NW	NW	NW	NW	W	NW	NW
Wind movement	15	22	16	14	15	12	11	12	13	11	9	9	9	7	5	6	6	3	5	3	2	2	1	4
Maximum velocities (exceeding 29 miles) direction and time																								

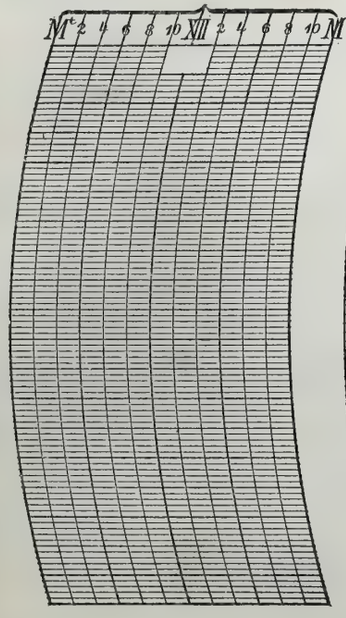
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

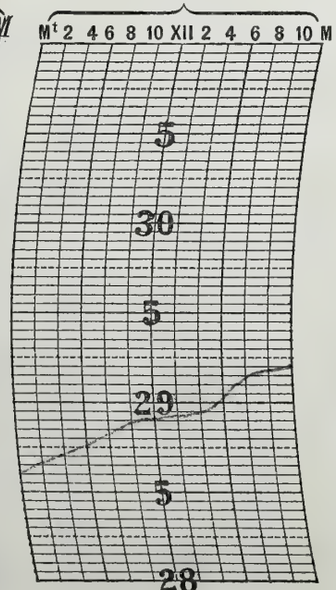
	Maximum.	Minimum.	Mean.	Normal.
	25	14	20	

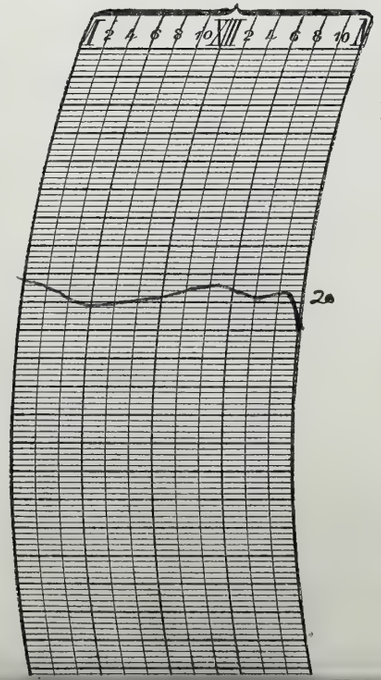
Total depth of snow for 24 hours ending 7 p. m., 0.5 inches.
Snow on ground 7 p. m., 0.5 inches.
Total snowfall, midnight to midnight, 0.5 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .04 ins.
Total precipitation, midnight to midnight, .04 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10) 10
Actual sunshine, hours, 0
Possible sunshine, hours, 9.3
Percentage of possible sunshine, 0
Prevailing direction W
Total movement, 212
Average hourly velocity, 8.8

Maximum velocity,	Direction,	Time.
25	W	1.25 a.m

Extreme velocity, 25
Relative humidity, 91 a. m. 70 p. m.
Reduced barometer, 29.73 a. m. 30.04 p. m.
River gage, 2.1 ft.







NOTES.

The dry snow which fell during the day made the walks quite slippery.

Prepared by
Verified by HTC.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JAN 7 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	18	17	18	17	17	17	17	19	20	22	23	24	25	25	25	26	28	29	30	31	32	35	40 43	44
State of weather: Nature of precipitation and time of beginning and ending										SB 9.20	SE 11.00		Sleet B 12.30			Sleet E 4.00		RB 5.00						
State of weather: Amounts of precipitation																		T	T	.03	T	T	.09	.08
State of weather: Cloudiness and other conditions									Cloudy				Cloudy											
Sunrise: Time 7.06 Character, Cloudy / Sunset: Time 4.27 Character, Cloudy																								
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	N	N	NE	NE	NE	NE	NE	NE	NE	NE	E	NE	NE	NE	NE	E	E	E	E+	NE+	NE	E	SE	S
Wind movement	4	6	7	7	8	11	13	12	14	16	16	17	19	17	16	13	12	9	8	7+	6	7	8	9
Maximum velocities (exceeding 24 miles) direction and time																								

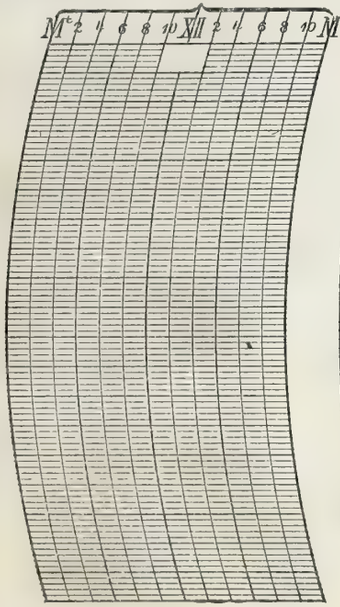
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

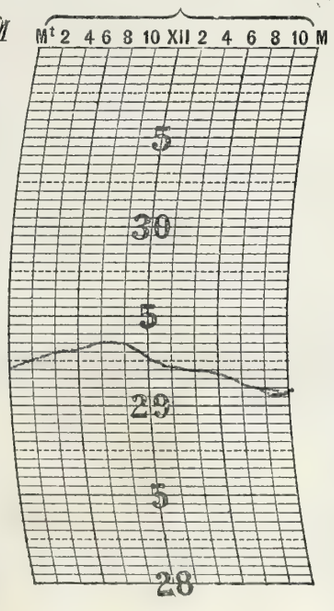
	Maximum.	Minimum.	Mean.	Normal.
	43	14	28	

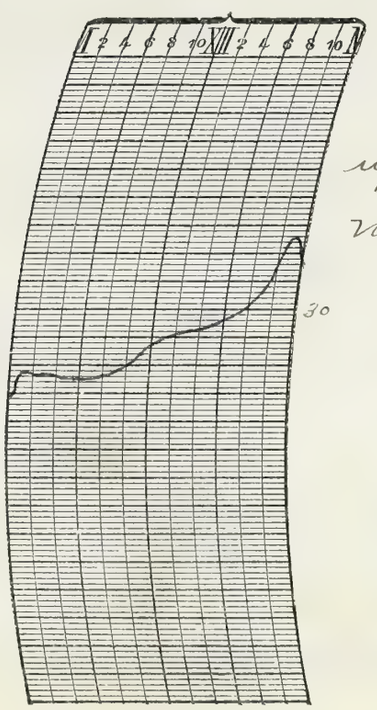
Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .10 ins.
Total precipitation, midnight to midnight, .30 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0
Possible sunshine, hours, 9.4
Percentage of possible sunshine, 0
Prevailing direction, N E
Total movement, 262
Average hourly velocity, 10.9

Maximum velocity,	Direction,	Time.
22	NE	12.25 p.m.

Extreme velocity, 22
Relative humidity, 74 a. m. 100 p. m.
Reduced barometer, 30.27 a. m. 30.08 p. m.
River gage, 2.0 ft.







Prepared by
Verified by H.T.C.

8—486

+ estimated anemometer incrusted in ice,
X hourly amounts estimated, T.B. gage out of order.

NOTES.

Streets and walks coated with snow and sleet upon which the rain fell and froze making them icy and very slippery

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JAN 6 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	37 RE DN	38	40	40	40	36	35	33	33	32	32	31 RB 1240	31	32	33	33 RE 4.50	33	32	32	32	32	32	32
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation	.02	T											T	T	T	T	T							
Cloudiness and other conditions								—Cloudy—					—Cloudy—											
Sunrise: Time, Character,	7.06 Cloudy																				Sunset: Time, Character, 4.28 Cloudy			
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							0
Wind direction	NW	NE	E	SE	SE	SW	NW	NW	NW	NW	NW	NW	N	NE	N	N	N	N	NE	NE	NE	NE	NE	NE
Wind movement	9	4	2	3	5	6	4	4	9	8	10	11	9	9	8	6	8	8	10	12	12	13	14	15
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

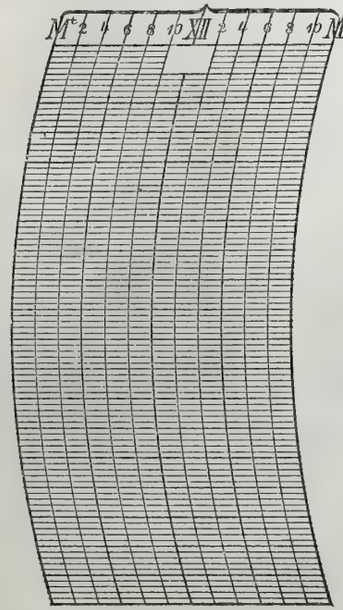
	Maximum.	Minimum.	Mean.	Normal.
	40	32	36	

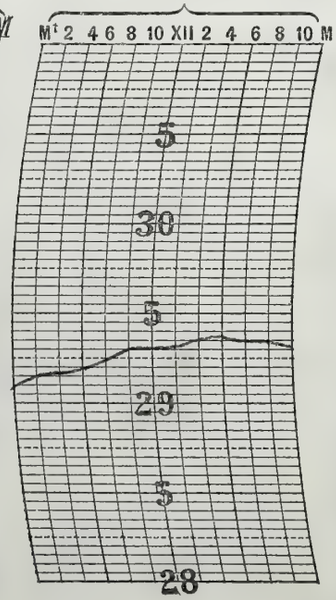
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .22 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 10
Actual sunshine, hours, 0
Possible sunshine, hours, 9.4
Percentage of possible sunshine, 0
Prevailing direction NE
Total movement, 199
Average hourly velocity, 8.3

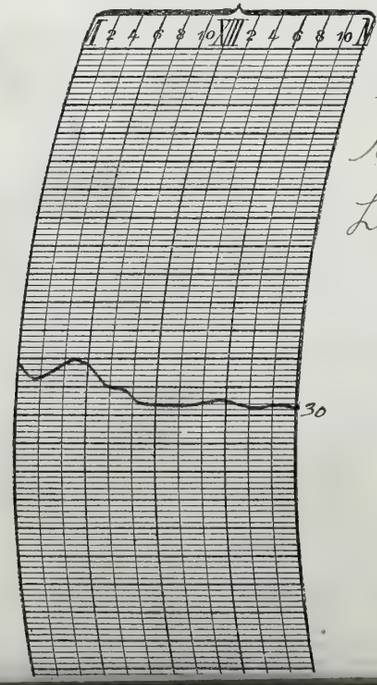
Maximum velocity,	Direction,	Time.
17	NE	10.40 p.m.

Extreme velocity, 17
Relative humidity, 94 a. m. 88 p. m.
Reduced barometer, 30.16 a. m. 30.32 p m
River gage, 2.2 ft.

+ Estimated R.B. gauge out of order.







NOTES.

Street and walks slippery with sleet and rain.
Lightning was seen at about 3.00 a.m.

Prepared by
Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JAN 7 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	31	31	30	29	30	30	30	30	30	30	30	31	31	31	31	32	32	32	31	31	31	31	31
State of weather: Nature of precipitation and time of beginning and ending		Sleet B. DN.				Sleet E DN	RB 6.20												RE 6.20p					
State of weather: Amounts of precipitation							T	.01	T	T	T	T	.02	.02	T	.18	.07	.05	T					
State of weather: Cloudiness and other conditions								—	—	Cloudy	—													
Sunrise: Time, 7.06 Character, Cloudy																					Sunset: Time, 4.29 Character, Cloudy			
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	NE	NE	NE	NE	NE	NE	NE
Wind movement	20	22	20	13	16	16	14	13	16	18	15	13	15	14	12	7	6	6†	5†	4	5	3	3	5

Maximum 29 velocities (exceeding 25 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	32	29	30	

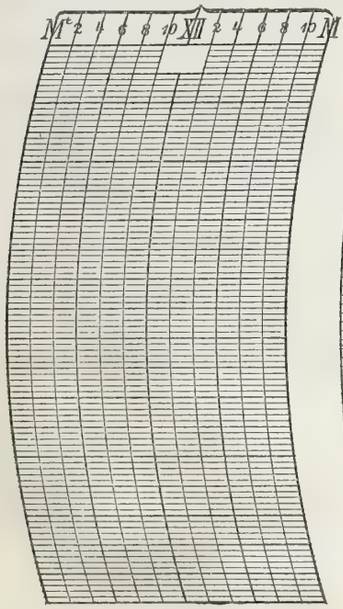
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .14 ins.; to 7 p. m., .35 ins.
Total precipitation, midnight to midnight, .49 inches.
Character of day, Cloudy Moon phase New Moon
Average daily cloudiness (0-10) 9.10
Actual sunshine, hours, 0
Possible sunshine, hours, 9.4
Percentage of possible sunshine, 0
Prevailing direction NE
Total movement, 280
Average hourly velocity, 11.7

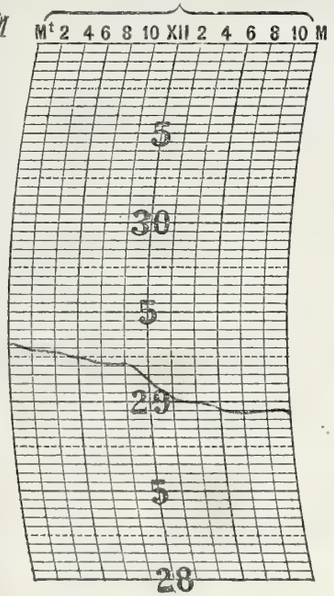
Maximum velocity,	Direction,	Time.
25	NE	12 a.m.

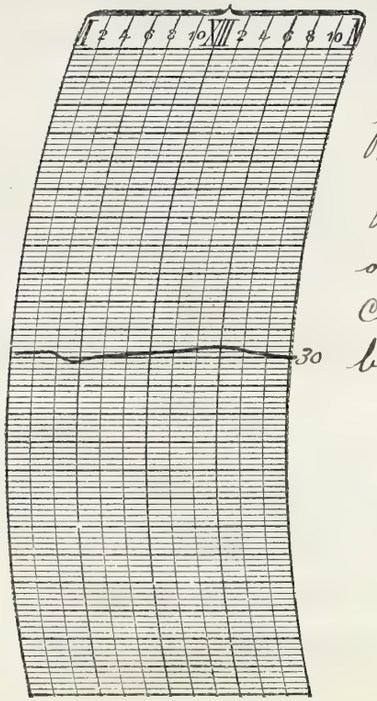
Extreme velocity, 25

Relative humidity, 95 a. m. 95 p. m.
Reduced barometer, 30.18 a. m. 29.84 p. m.
River gage, 5.5 ft

†estimated, anemometer incrusted in ice







NOTES.

Streets and walks slippery and slushy from sleet and rain. Telegraph, Telephone, Light and power, and Trolley wires coated with ice from the rain freezing on them, causing much trouble for those companies. The transportation companies suffered but little and the city street car service was about normal

Prepared by J. H. T.
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JAN. 8 1913, 191

Time (local standard), 75 mer.

	A.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	32	30	29	28	25	23	22	20	20	19	19	20	21	22	21	19	18	18	18	17	18	18	18	17
State of weather: Nature of precipitation and time of beginning and ending				SB DN	S	SE DN		SB 7.10			SE 10.10													
Amounts of precipitation																								
Cloudiness and other conditions								Cloudy			→		Cloudy											
Sunrise: Time, 7.06 Character, Cloudy																					Sunset: Time, 4.30 Character, Clear			
Sunshine (in tenths of hours)								0	0	0	0	+1.0	+1.0	0.5	0.8	+0.4, 5.0 0.6	0							
Wind direction	W	NW	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	NW	N	N	N	N	N	N	N	N
Wind movement	5	8	8	10	10	12	13	12	10	9	12	11	10	11	11	10	4	3	4	2	2	2	2	4
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
32	17	24	

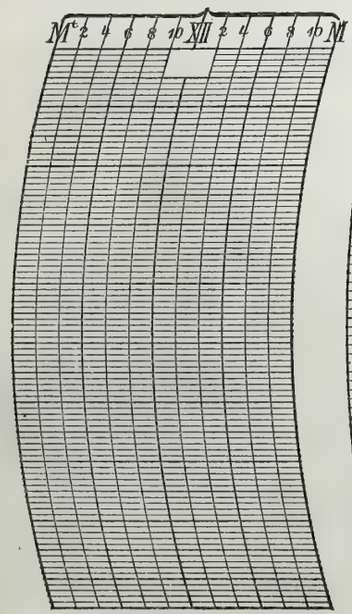
Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow on ground 7 p. m., 1.5 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10) 5
Actual sunshine, hours, 4.8
Possible sunshine, hours, 9.4
Percentage of possible sunshine, 51
Prevailing direction NW
Total movement, 185
Average hourly velocity, 7.7

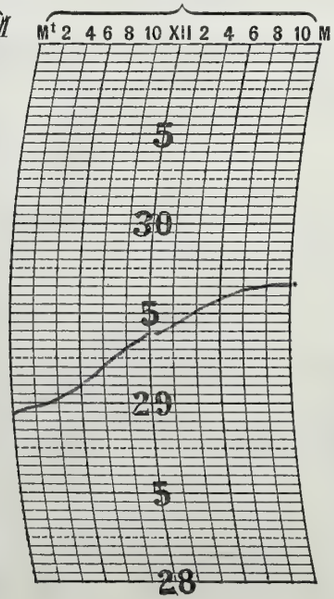
Maximum velocity,	Direction,	Time.
16	NW	6.20 a.m.

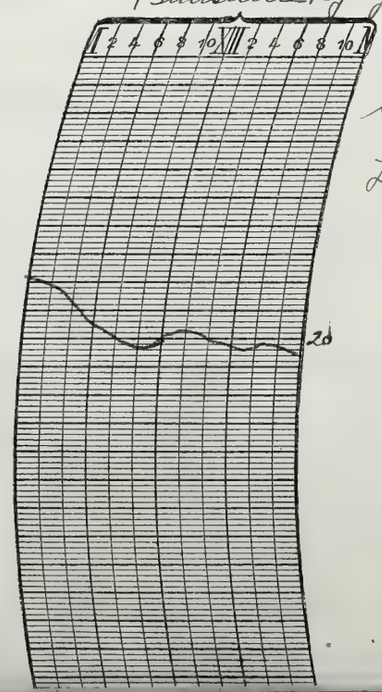
Extreme velocity, 16

	a. m.	p. m.
Relative humidity,	86	65
Reduced barometer,	30.12	30.57

River gage, 6.2 ft.







+ Sunshine, by eye observation

NOTES.

Streets and walks slippery from snow and ice
Light snowfall during early morning and the forenoon

Prepared by
Verified by J.H.T.C

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JAN 9 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	16	16	15	15	15	13	15	16	18	20	24	27	28	29	31	30	29	28	27	26	26	25	24	24
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions										Clear				Clear										
Sunshine (in tenths of hours)								.90 0	.1 0.9	+ 1.0	+ 1.0	+ 1.0	+ 1.0	+ 1.0	+ 1.0	.3 0.7	.52 0							
Wind direction	N	N	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	S	S	S	S	SE	SE	SE	S	S	S	S	S
Wind movement	2	4	7	8	7	8	9	9	7	10	9	10	11	12	9	7	7	6	9	7	8	10	10	6

Sunrise: Time, 7.06; Character, Clear

Sunset: Time, 4.52; Character, Clear

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	31	15	23	

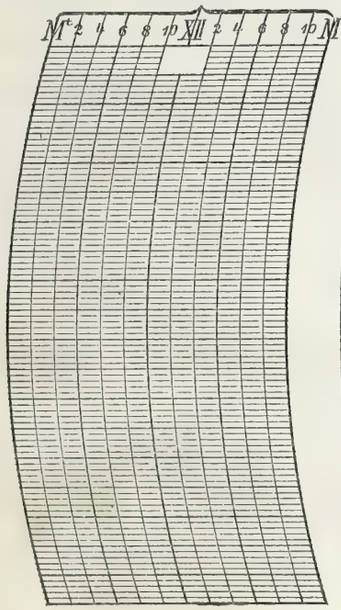
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 4 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 0
Actual sunshine, hours, 9.4
Possible sunshine, hours, 9.4
Percentage of possible sunshine, 100
Prevailing direction SE
Total movement, 192
Average hourly velocity, 8.0

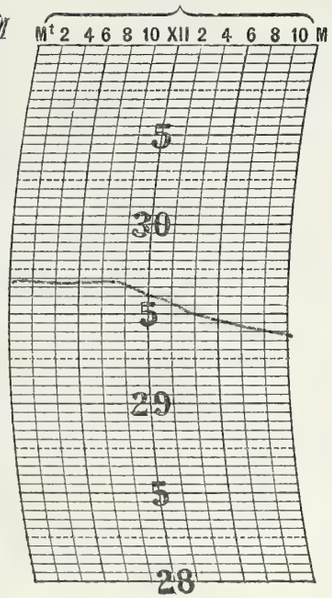
Maximum velocity,	Direction,	Time.
14	S	1.35 p.m.

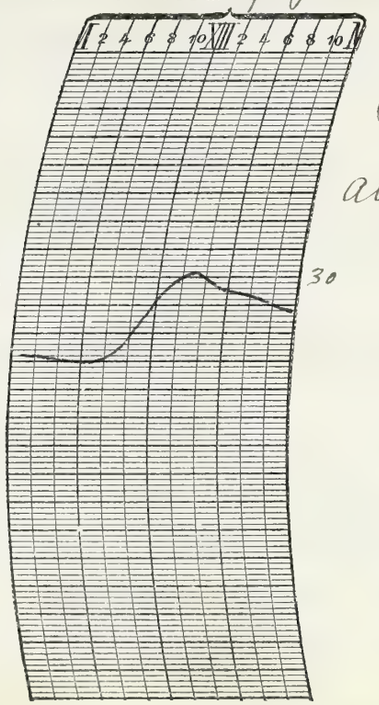
Extreme velocity, 14

Relative humidity, 72 a. m. 70 p. m.
Reduced barometer, 30.67 a. m. 30.41 p. m.
River gage, 9.5 ft.

+ Sunshine, by eye observations







NOTES.

Ice gorge formed in St Mary's River just above Clinton St Bridge

Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JAN 10 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	25	25	25	26	26	27	28	30	32	33	35	35	35	35 RR 2.40	36	35	35	34	35	36	36	37	38
State of weather: Nature of precipitation and time of beginning and ending																								
State of weather: Amounts of precipitation															T	.01	.01	.04	.03	.04	.05	.03	.02	.03
State of weather: Cloudiness and other conditions								—	—	Cloudy	—	—	—	—	Cloudy	—	—	—	—	—	—	—	—	—
Sunrise: Time 7.06, Character Cloudy																					Sunset: Time 4.32, Character Cloudy			
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	S	S	S	S	S	S	S	S	S	S	SW	SW	SW	SW	S	S	S	S	S	S	S	S	S	SW
Wind movement	5	7	7	7	7	9	10	11	12	11	13	9	11	11	10	9	12	10	12	12	11	11	11	11
Maximum velocities (exceeding 29 miles) direction and time																								

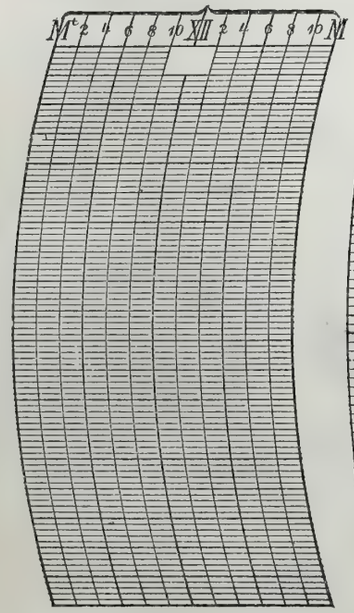
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

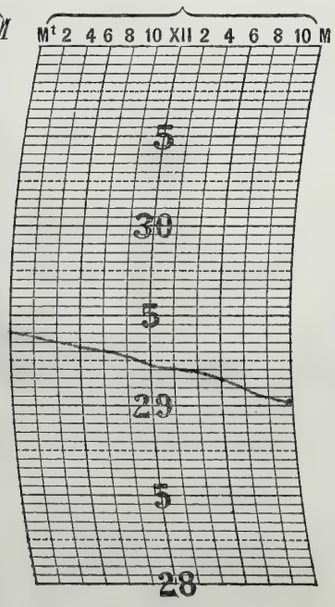
Maximum. 38 | Minimum. 24 | Mean. 31 | Normal.

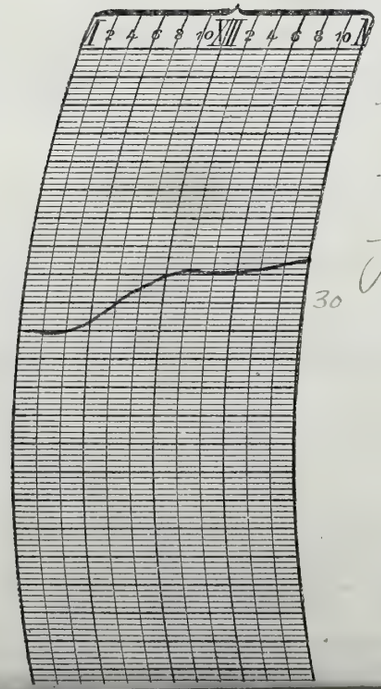
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0.6 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .04 ins.
Total precipitation, midnight to midnight, .26 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10) 10
Actual sunshine, hours, 0
Possible sunshine, hours, 9.4
Percentage of possible sunshine, 0
Prevailing direction S
Total movement, 239
Average hourly velocity, 10.0

Maximum velocity, 14 Direction, SW Time. 10.32a.m.
Extreme velocity, 15

Relative humidity, 79 a. m. 100 p. m.
Reduced barometer, 30.25 a. m. 30.05 p. m.
River gage, 6.4 ft.







NOTES.

Streets and walks icy and slippery. Ice gorge still in St Marys River, just above Clinton Street Bridge.

Prepared by
Verified by T.H.T.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JAN 11 1913, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	38	38	38	38	38	37	38	38	39	38	38	37	36	35 RE 2.40	36	35	35	34 RB 6.20	33	32 RE 8.50 SB 8.50	32	30	27 SE DN
State of weather: Nature of precipitation and time of beginning and ending											5													
Amounts of precipitation	.01	.01	T	T	T	T	.01	T	.02	.04	.07	.08	.06	.01	T				T	T	T			
Cloudiness and other conditions								Cloudy						Cloudy										
Sunrise: Time 7.05, Character Cloudy																					Sunset: Time 4.33, Character Cloudy			
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	NW	NW	W	W	SW	W	NW	NW	NW	NW
Wind movement	10	10	9	9	8	6	7	9	7	7	6	6	5	7	7	6	6	3	5	6	6	11	15	13
Maximum velocities (exceeding 29 miles) direction and time	29																							

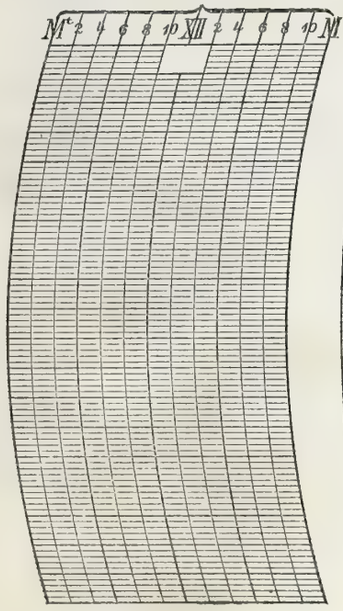
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

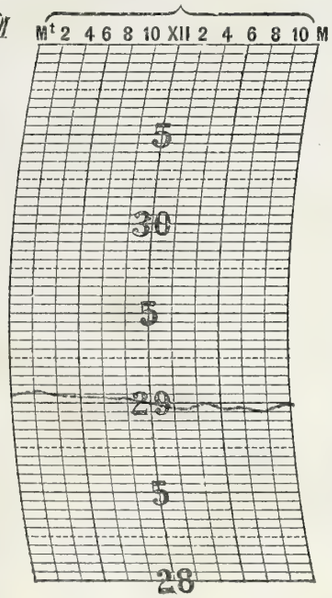
Maximum 34 — Minimum 27 — Mean 33 — Normal.

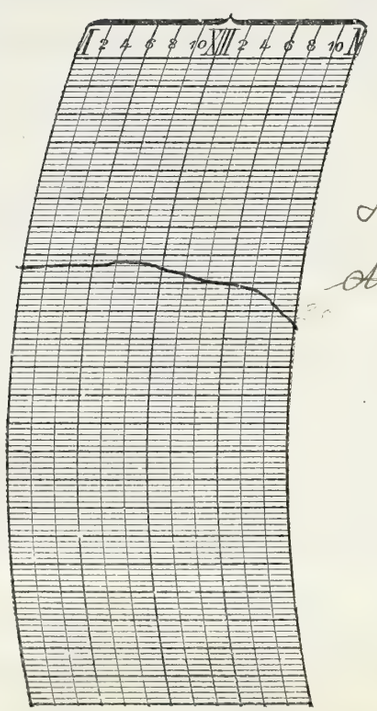
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 04 inches.
Total snowfall, midnight to midnight, 0.8 inches.
Precipitation to 7 a. m., .20 ins.; to 7 p. m., .26 ins.
Total precipitation, midnight to midnight, .37 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 10
Actual sunshine, hours, 0
Possible sunshine, hours, 9.5
Percentage of possible sunshine, 0
Prevailing direction SW
Total movement, 184
Average hourly velocity, 7.7

Maximum velocity, 18 Direction, NW Time, 10.55 p.m.
Extreme velocity, 19

Relative humidity, 100 a. m. 95 p. m.
Reduced barometer, 29.96 a. m. 29.90 p. m.
River gage, 11.1 ft







NOTES. Dense Fog {B 7.20 a m / E 7.20 a m} Light Fog {B 7.21 a m / E 3.00 p.m}

Streets and walks icy and slippery

Ice gorge still in St Marys River ~~moved out during the night~~ early morning

Prepared by
Verified by J.A.T.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JAN 12 1913, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	26	25	25	25	25	24	23	22 SW 7.20	21	21	21	20 SE 11.30	19	19	20	19	18	17	16	15	14	14	13	13
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								—	Cloudy			×	—		Clear									
Sunrise: Time, Character	7.05 Cloudy																				Sunset: Time, Character			4.34 Clear
Sunshine (in tenths of hours)								0	0	0	0.1	0.2	1.0	1.0	0.8	0.9 .1	.57 0							
Wind direction	NW	NNW	NW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NNW	NW	NNW	NNW	NNW	NNW	NNW	NW	NW	NW	NW	NW	NW	NW
Wind movement	13	13	14	15	15	18	17	15	13	11	12	9	12	11	10	8	6	5	6	4	4	2	2	1
Maximum velocities 21 (exceeding 25 miles) direction and time 7																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

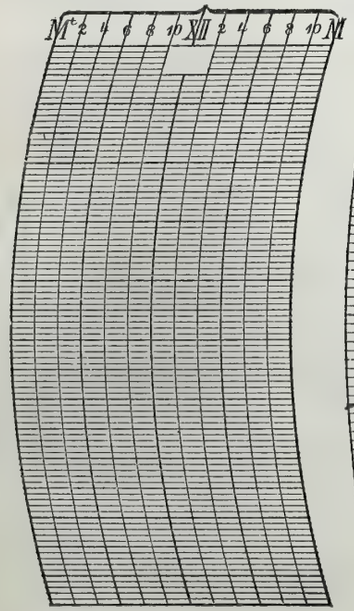
1 hours slower than 75th meridian time.

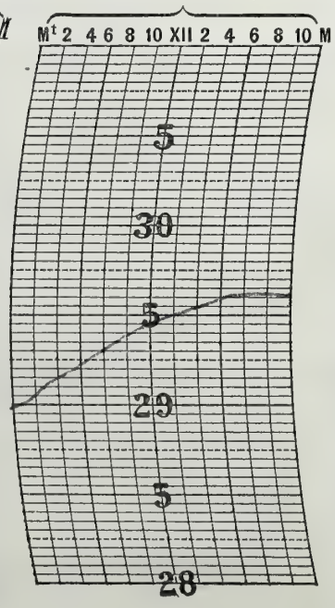
	Maximum.	Minimum.	Mean.	Normal.
	27	13	20	

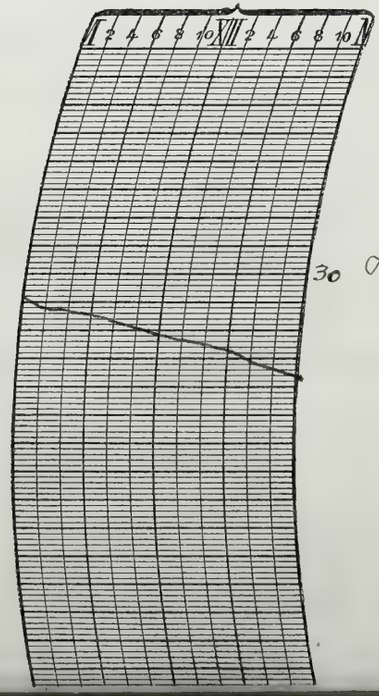
Total depth of snow for 24 hours ending 7 p. m., 0.8 inches.
Snow on ground 7 p. m., 1.2 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0.8 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, PC Cloudy Moon phase,
Average daily cloudiness (0–10) 8.5
Actual sunshine, hours, 4.7
Possible sunshine, hours, 9.5
Percentage of possible sunshine, 49
Prevailing direction NW
Total movement, 236
Average hourly velocity, 9.8

Maximum velocity,	Direction,	Time.
21	NW	6.35 a.m.

Extreme velocity, 32.
Relative humidity, 67 a. m. 73 p. m.
Reduced barometer, 30.24 a. m. 30.59 p. m.
River gage, 14.3 ft.







NOTES.

Streets and walks icy and slippery
St Mary's River still gorged.
Light snow fell during the forenoon

Prepared by
Verified by J. H. T. C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JAN 13 1913, 191

Time (local standard), 90 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	13	12	12	12	12	12	14	14	17	21	25	30	31	32	32	33	32	31	31	32	30	30	29	28
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								—	Cloudy	—				—	Cloudy	—								
Sunrise: Time, Character	7.05 Cloudy																							
Sunset: Time, Character																					4.35 Cloudy			
Sunshine (in tenths of hours)								0	0	0	0.7	0.8	0.7	0.7	0.3	0	0							
Wind direction	NW	NW	NW	NW	NW	NW	NW	SE	SE	SE	SE	SE	E	E	E	E	E	E	E	E	W	W	W	W
Wind movement	1	3	2	4	5	6	6	6	5	4	6	7	4	4	4	3	3	3	2	3	8	9	8	7
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

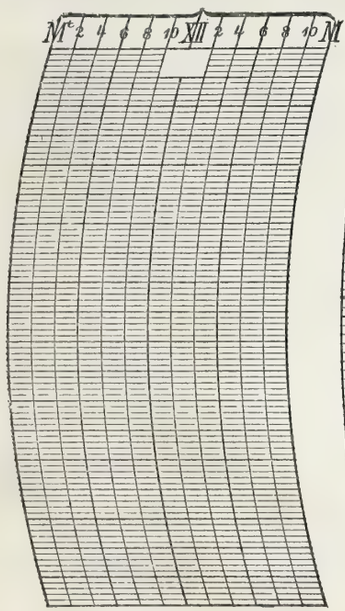
Maximum.	Minimum.	Mean.	Normal.
33	12	22	

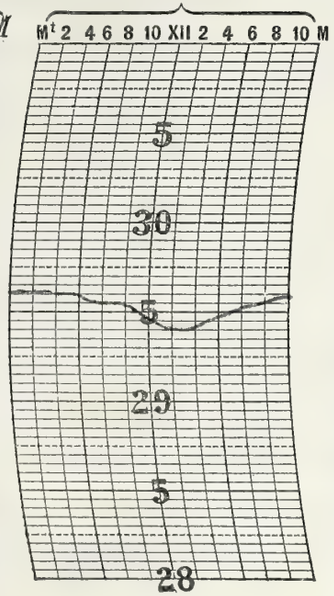
Total depth of snow for 24 hours ending 7 p. m., 0 inche
Snow on ground 7 p. m., 10 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 8
Actual sunshine, hours, 3.2
Possible sunshine, hours, 9.4
Percentage of possible sunshine, 34
Prevailing direction E
Total movement, 113
Average hourly velocity, 4.7

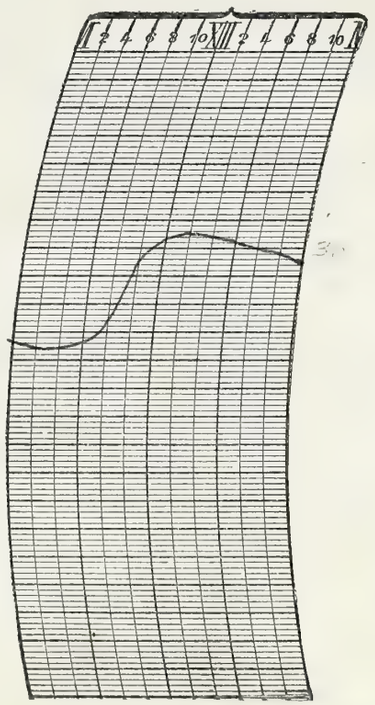
Maximum velocity,	Direction,	Time.
~~18~~ 13	N.W.	8.45 p.m.

Extreme velocity, ~~18~~ 13

Relative humidity, 60 a. m. 81 p. m.
Reduced barometer, 30.54 a. m. 30.46 p. m.
River gage, 13.4 ft.







NOTES.

St Marys River still gorged
Streets and walks icy and slippery

Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JAN 14 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	28	28	28	27	27	26	26	26	27	28	29	30	31	31	32	32	32	32	31	30	30	30	30	31
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								—	Pt Cloudy			—		Pt Cloudy										
Sunrise: Time, Character,	7.04 Cloudy																				Sunset: Time, 4.36 Character, Cloudy			
Sunshine (in tenths of hours)				0				0	0	0.8	1.0	1.0	1.0	1.0	0.9	0	0							
Wind direction	W	W	W	SW	SW	SW	SW	S	S	S	SW	SW	SW	S	S	S	S	S	S	S	S	S	S	S
Wind movement	5	5	5	7	5	6	7	8	9	9	10	11	13	14	12	11	9	6	8	10	12	13	13	13
Maximum velocities (exceeding 29 miles) direction and time	1																							

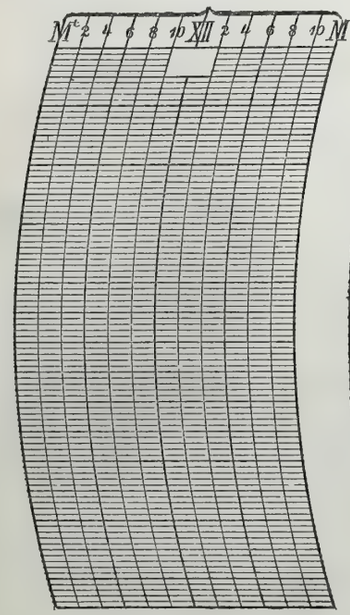
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

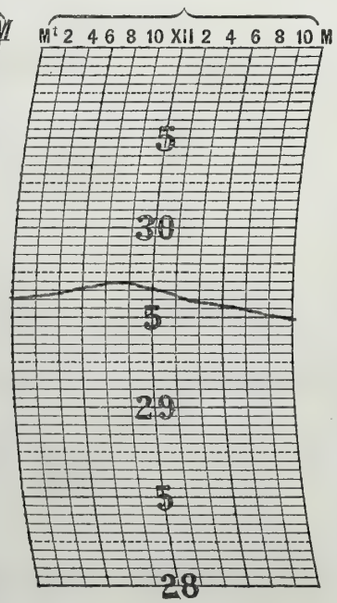
	Maximum.	Minimum.	Mean.	Normal.
	32	26	29	

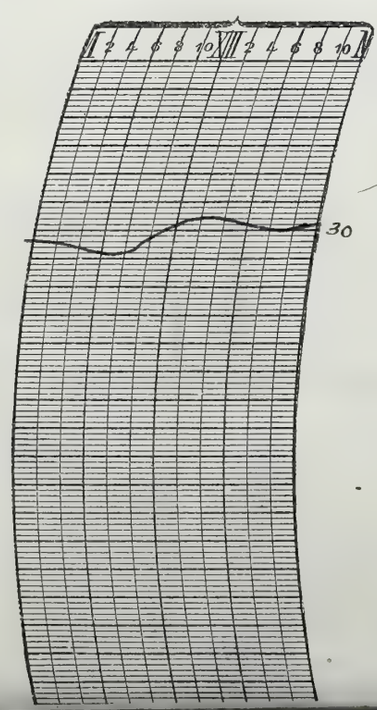
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0.6 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0–10) 6
Actual sunshine, hours, 5.7
Possible sunshine, hours, 9.5
Percentage of possible sunshine, 60
Prevailing direction S
Total movement, 223
Average hourly velocity, 9.3

	Maximum velocity,	Direction,	Time.
Extreme velocity,	16	S	10:5 p.m.
	17		

Relative humidity, 75 a. m. 74 p. m.
Reduced barometer, 30.65 a. m. 30.50 p. m.
River gage, 12.6 ft







NOTES.

St Marys River still gorged

Streets and walks icy and slippery

Prepared by J.H.T.C.

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JAN 15 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	31	31	31	32	32	34	37 RB 6.35	38	40	39	40	39	38	38	39	39	39	39	39	40 RE 7.01	41	42	43	43
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation							T	T	T	T	T	T	T	T	T	T	.01	T	T	T				
Cloudiness and other conditions									Cloudy						Cloudy									
Sunrise: Time, 7.04 Character, Cloudy																					Sunset: Time, 4.37 Character, Cloudy			
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	S	S	SW	SW	SW	S	S	SW	SW
Wind movement	12	11	13	12	12	13	14	16	17	20	21	21	22	19	19	17	18	18	19	16	16	15	17	15
Maximum velocities (exceeding 2 miles) direction and time																								

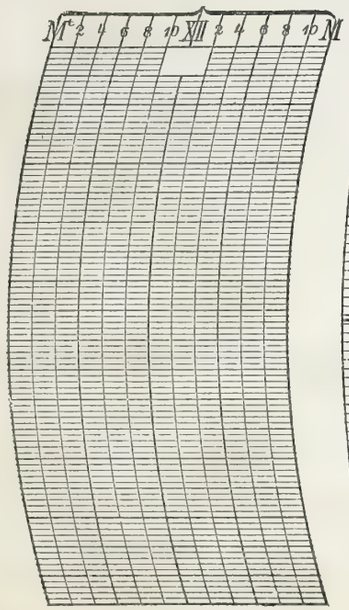
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

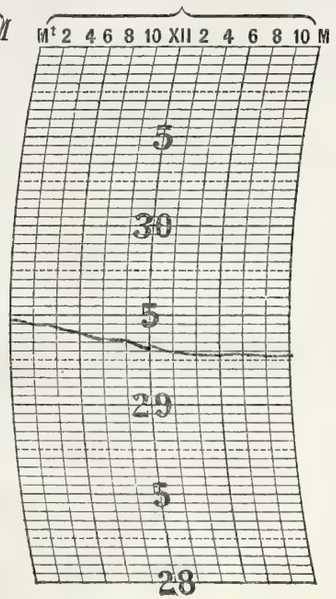
Maximum 43 — Minimum 31 — Mean 37 — Normal.

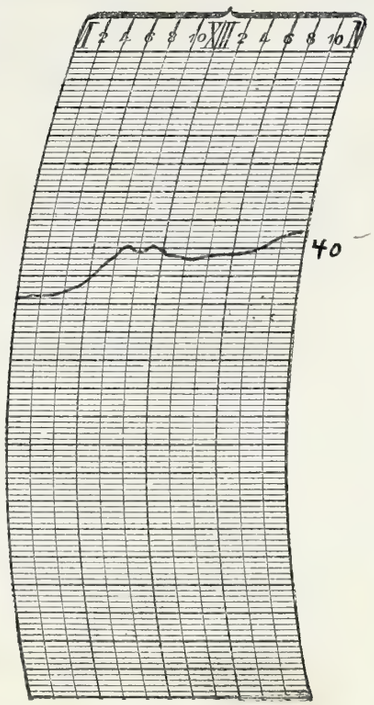
Total depth of snow for 24 hours ending 7 p. m., 0 in.
Snow on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .01 in.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Cloudy Moon phase, First Quarter
Average daily cloudiness (0–10), 10
Actual sunshine, hours, 0
Possible sunshine, hours, 9.6
Percentage of possible sunshine, 0
Prevailing direction, SW
Total movement, 395
Average hourly velocity, 16.5

Maximum velocity,	Direction,	Time.
26	S	10.45 a.m.

Extreme velocity, 26
Relative humidity, 87 a. m. 96 p. m.
Reduced barometer, [illegible] a. m. 30.23 p. m.
River gage, 11.5 ft







Prepared by
Verified by J.H.T.C

8—486

NOTES.

Streets and walks free from ice in many places
St Mary's River almost free from
the ice gorge

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JAN 16 1913, 191

Time (local standard), 90 mer.

	A.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	43	43	43	43	43	43	44	44	45	46	48	47	48	48 RB 1.30	48	48	48	49	50	51	51	51	52 RE 10.35	53
State of weather: Nature of precipitation and time of beginning and ending														T	T	.25	.05	.10	.05	T	.02	.10	.02	
Amounts of precipitation																								
Cloudiness and other conditions								Cloudy					Cloudy											
Sunrise: Time 7.04, Character Cloudy																					Sunset: Time 4.39, Character Cloudy			
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S	S	S	S	S	S	S	S	SW	SW	S	S	SW
Wind movement	14	13	12	11	10	10	9	10	10	11	11	11	13	11	9	13	14	15	16	17	17	19	22	21
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

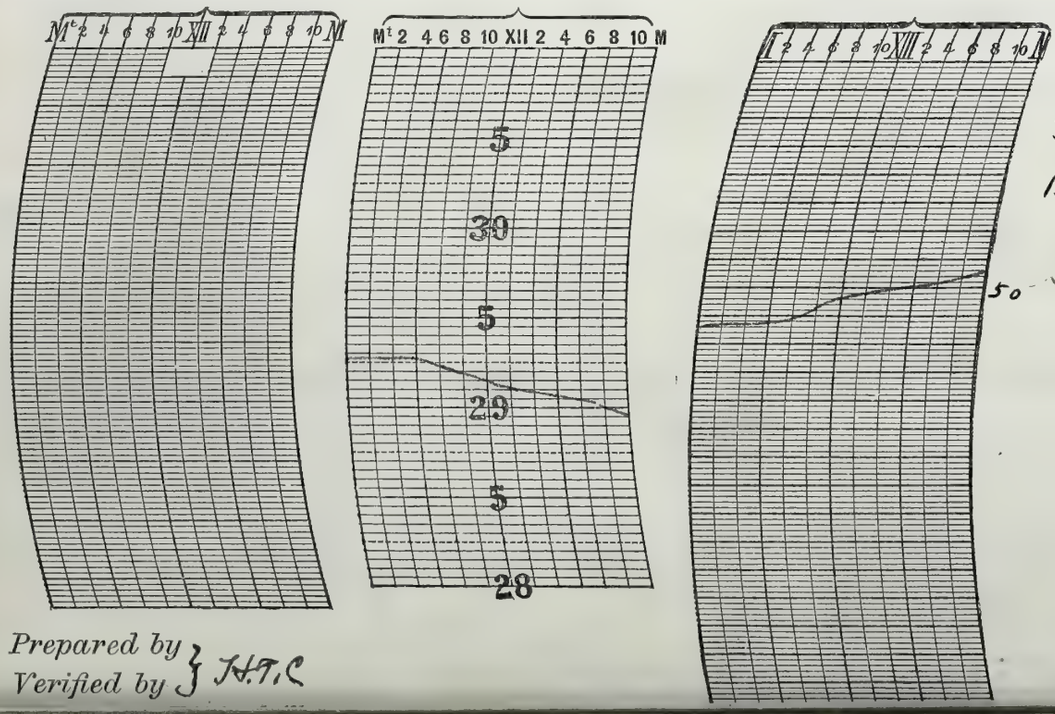
	Maximum.	Minimum.	Mean.	Normal.
	53	43	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 1 p. m., .25 ins.
Total precipitation, midnight to midnight, .39 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 10
Actual sunshine, hours, 0
Possible sunshine, hours, 9.6
Percentage of possible sunshine, 0
Prevailing direction S
Total movement, 319
Average hourly velocity, 13.3

Maximum velocity,	Direction,	Time.
29	S	10.45 p.m.

Extreme velocity, 30

Relative humidity, 87 a. m. 96 p. m.
Reduced barometer, 30.17 a. m. 29.98 p. m.
River gage, 11.8 ft.



NOTES.

St Marys River channel open west of Clinton Street Bridge but still gorged just east of that Bridge

Streets and walks free from ice.

Prepared by
Verified by } H.T.C

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JAN 17 1913, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	54	54	55	55	56	56	53	55	53	53	56	55	53	55	53	52	52	52	51	51	50	48	47	47
State of weather: Nature of precipitation and time of beginning and ending																		RS 5,40						
State of weather: Amounts of precipitation																		T	.10	.24	.29	.29	.17	.18
State of weather: Cloudiness and other conditions								—	Cloudy	—			—	Cloudy	—									
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	N	N	N
Wind movement	20	23	21	20	23	22	21	22	22	18	18	16	14	11	9	6	6	11	4	1	3	6	7	9

Sunrise: Time, 7.03 Character, Cloudy

Sunset: Time, 4.40 Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time

	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

1 hours slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.
	56	42	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .10 ins.

Total precipitation, midnight to midnight, 1.27 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10), 10

Actual sunshine, hours, 0

Possible sunshine, hours, 9.6

Percentage of possible sunshine, 0

Prevailing direction SW

Total movement, 326

Average hourly velocity, 13.4

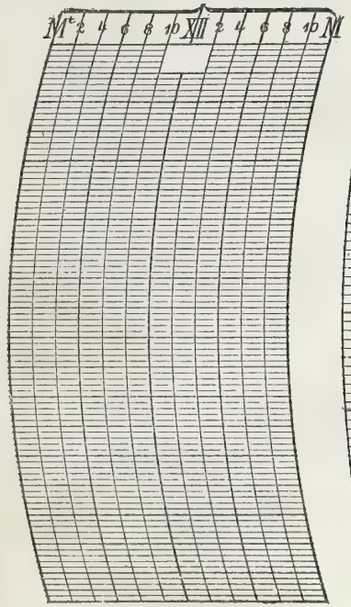
Maximum velocity,	Direction,	Time.
27	SW	5.45 a.m.

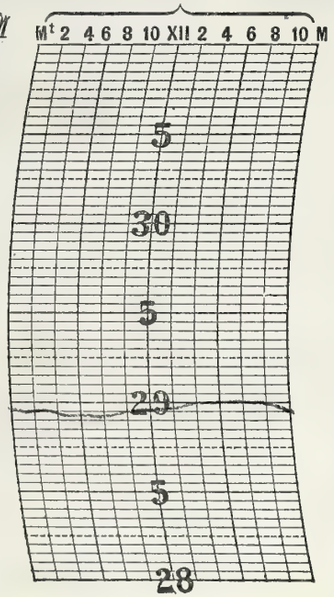
Extreme velocity, 28

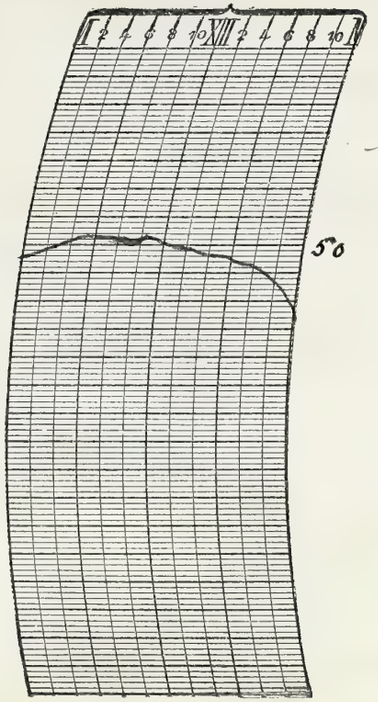
Relative humidity, 85 a. m. 100 p. m.

Reduced barometer, 29.83 a. m. 29.92 p. m.

River gage, 14.1 ft.







Prepared by
Verified by } J.A.T.S.

8—486

NOTES.

St Marys River Channel free from ice gorge at 7.00 a.m

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JAN 18 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	41	42	41	40 RE DN	40	42	44	37	35	35	34	33 5B 12.15	32 SE 1.40	32	32	32	32	32	32	32	32	31	31
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation	.06	T	.04	.11	.02								T	T										
Cloudiness and other conditions								— Cloudy —						— Cloudy —										
Sunrise: Time 7.03, Character Cloudy / Sunset: Time 4.41, Character Cloudy																								
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0.4	0							
Wind direction	NE	NE	NE	N	N	NE	SE	SW	W	W	W	W	W	W	W	NW	W	W	W	SW	SW	SW	SW	SW
Wind movement	8	8	5	8	7	5	9	29	25	23	20	20	19	18	14	14	10	6	7	8	8	10	8	5
Maximum velocities (exceeding 25 miles) direction and time								39 SW 7.25	30 SW 8.20															

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

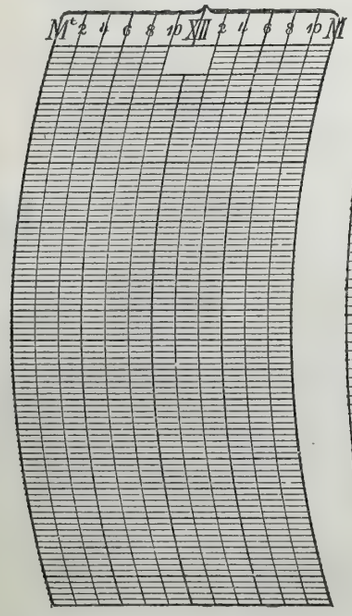
	Maximum.	Minimum.	Mean.	Normal.
	43	31	37	

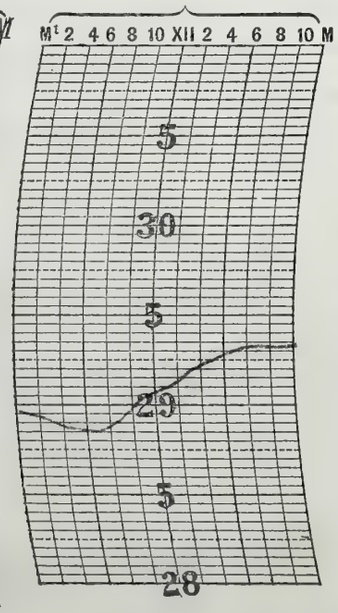
Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 1.40 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, 1.23 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.4
Possible sunshine, hours, 9.6
Percentage of possible sunshine, 4
Prevailing direction, W
Total movement, 294
Average hourly velocity, 12.2

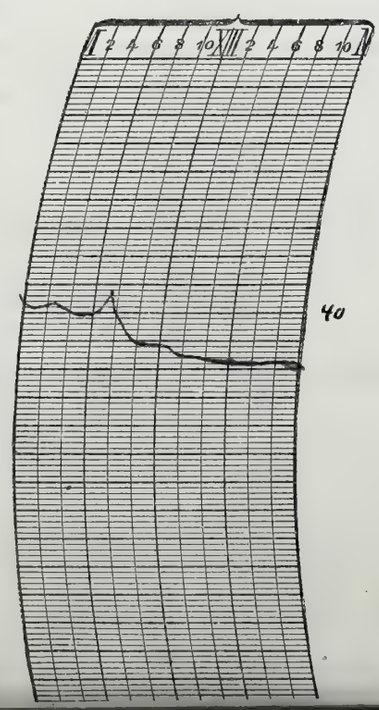
Maximum velocity,	Direction,	Time.
39	SW	7.25 a.m.

Extreme velocity, 41

Relative humidity, 88 a. m. 74 p. m.
Reduced barometer, 29.77 a. m. 30.24 p. m.
River gage, 18.3 ft. (18.6 ft. x 5.00 p.m. Highest)







NOTES.

Light Snow

Prepared by
Verified by J.H.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JAN 19 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	31	30	29	28	29	29	30	32	35	39	41	43	43	47	48	49	50	50	50	50	50	50	53
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Cldy	clear					Cloudy										
Sunrise: Time, Character	7.02 Cloudy																				Sunset: 4.42 Cloudy			
Sunshine (in tenths of hours)								0	0.3	1.0	1.0	1.9	1.0	0.1	0	0	0							
Wind direction	SW	SW	S	E	SE	SE	SE	SE	SE	SE	SE	S	SE	SE	SE	SE	S	S	S	S	S	S	S	S
Wind movement	3	1	3	4	4	8	10	10	12	12	10	10	11	10	10	11	13	16	18	16	11	8	9	11
Maximum velocities (exceeding 29 miles) direction and time																								

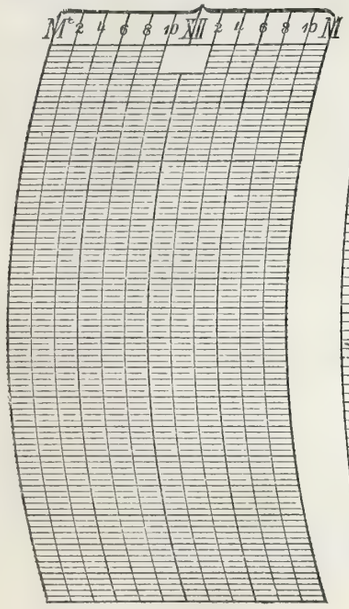
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

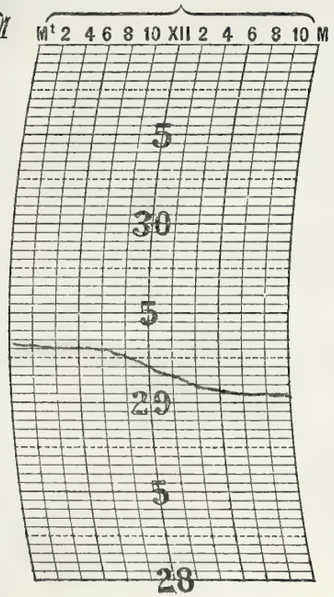
	Maximum.	Minimum.	Mean.	Normal.
	53	28	40	

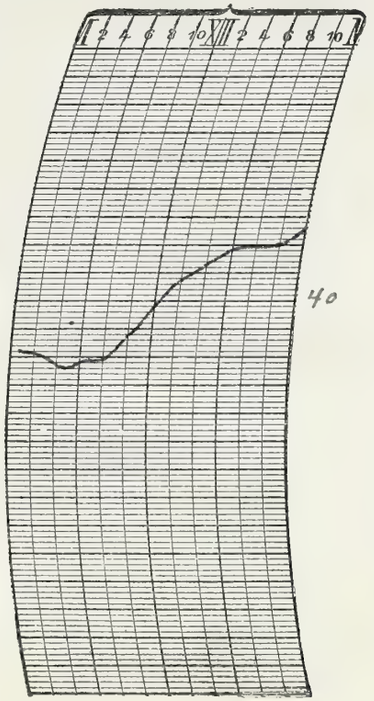
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10) 5
Actual sunshine, hours, 4.3
Possible sunshine, hours, 9.7
Percentage of possible sunshine, 44
Prevailing direction SE
Total movement, 231
Average hourly velocity, 9.6

Maximum velocity,	Direction,	Time.
19	S	6.15 pm

Extreme velocity, 19
Relative humidity, 83 a. m. 86 p. m.
Reduced barometer, 30.23 a. m. 30.01 p. m.
River gage, 17.9 ft.







NOTES.

Prepared by
Verified by } H.T.S

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JAN 20 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	53	54	54	54	54	44 RB	42	40	38	38	38	38	37	34	30 RL= 3.10 SE 3.10	29	28	26	25 SE 7.55	25	26	23	23
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation							T	.30	.25	.16	.08	.07	.02	.06	.03	T								
Cloudiness and other conditions										Cloudy				Cloudy										
Sunrise: Time, 7.01 Character, Cloudy																					Sunset: Time, 4.43 Character, Cloudy			
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	SW	SW	SW	S	S	S	N	N	N	N	N	N	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	13	14	16	14	13	11	9	10	14	11	13	12	8	10	15	21	19	18	23	21	14	16	17	16
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

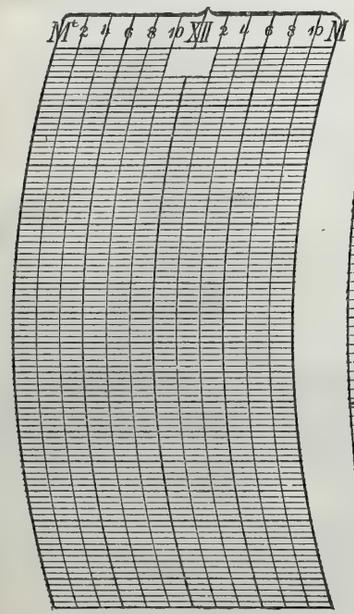
	Maximum.	Minimum.	Mean.	Normal.
	54	23	.38	

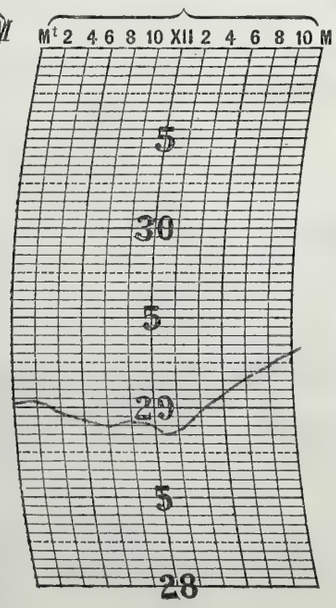
Total depth of snow for 24 hours ending 7 p. m., 1.0 inches.
Snow on ground 7 p. m., 1.0 inches.
Total snowfall, midnight to midnight, 1.3 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 1.08 ins.
Total precipitation, midnight to midnight, 1.10 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 9.10
Actual sunshine, hours, 0
Possible sunshine, hours, 9.7
Percentage of possible sunshine, 0
Prevailing direction NW
Total movement, 345
Average hourly velocity, 14.4

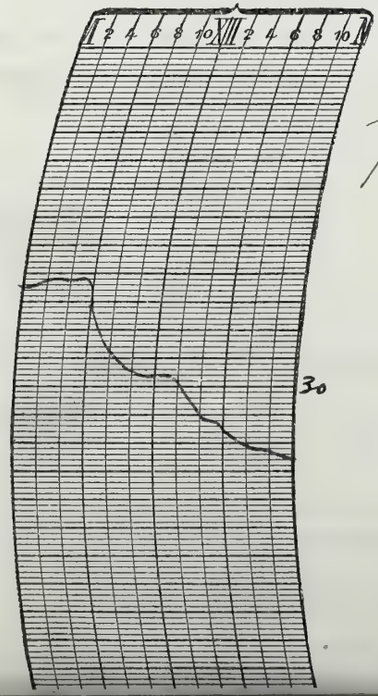
Maximum velocity,	Direction,	Time.
26	NW	6.32 p.m.

Extreme velocity, 26

Relative humidity, 93 a. m. 100 p. m.
Reduced barometer, 29.82 a. m. 30.07 p. m.
River gage, 16.1 ft







NOTES.

7.10 a.m.

Snow fell from 3.10 p.m. to 7.55 p.m. to the depth of 1.2 inches.

Prepared by
Verified by J.H.T.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JAN 21 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	23	23	21	20	19	19	19	15	18	21	23	26	26	27	29	28	27	27	26	24	24	24	23	23
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								—	Clear	—			—	Clear	—									
Sunshine (in tenths of hours)								.98 0	.04 0.6	1.0	1.0	1.0	1.0	1.0	1.0	.2 .73 0.8	0							
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	SW	SW	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	10	7	6	4	3	4	4	4	5	6	9	10	13	15	13	12	9	9	8	12	12	12	13	10

Sunrise: Time, 7.01 Character, Clear

Sunset: Time, 4.44 Character, Clear

Maximum velocities (exceeding 27 miles) direction and time

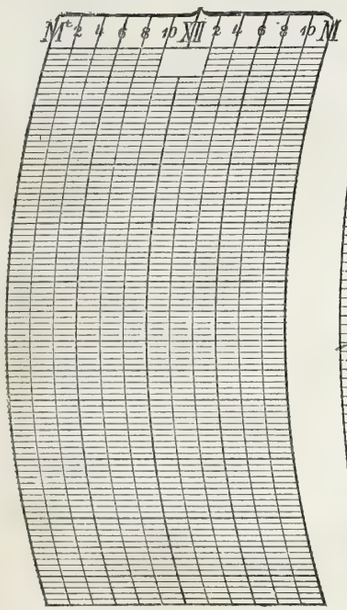
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

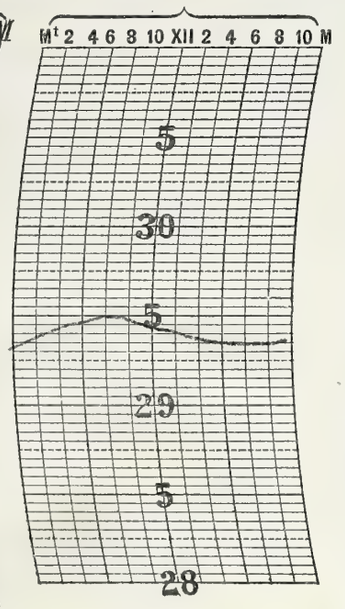
	Maximum.	Minimum.	Mean.	Normal.
	29	15	22	

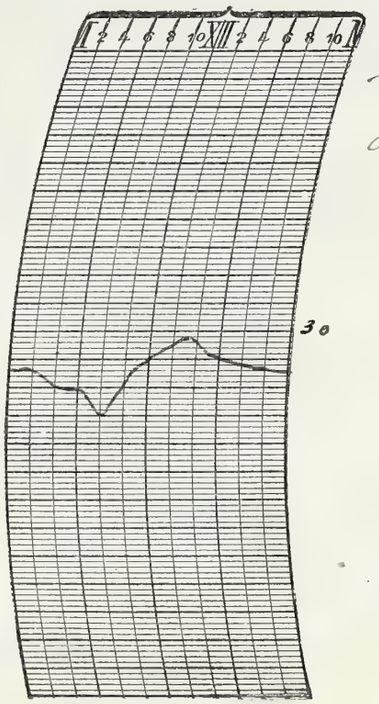
Total depth of snow for 24 hours ending 7 p. m., 0.2 inches.
Snow on ground 7 p. m., 12 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 02 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear) Moon phase,
Average daily cloudiness (0–10) 0
Actual sunshine, hours, 9.7
Possible sunshine, hours, 9.7
Percentage of possible sunshine, 100
Prevailing direction SW
Total movement, 210
Average hourly velocity, 8.8

Maximum velocity,	Direction,	Time.
17	S	1.30 p.m.

Extreme velocity, 17
Relative humidity, 63 a. m. 74 p. m.
Reduced barometer, 30.44 a. m. 30.28 p. m.
River gage, 19.0 ft.







NOTES.

Streets and walks slippery from snow and ice

Prepared by J.H.S.
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JAN 22 1913, 191

Time (local standard) 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	23	23	22	22	22	21	22	22	24	28	32	34	34	35	36	34	33	32	34	33	33	33	33	34
State of weather. Nature of precipitation and time of beginning and ending																							RB DN	
State of weather. Amounts of precipitation																							T	.02
State of weather. Cloudiness and other conditions								— Clear —					— Clear —			— Cloudy —								
Sunrise: Time, 7.00 Character, Clear																								
Sunset: Time, 4.46 Character, Cloudy																								
Sunshine (in tenths of hours)								1.00 0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0	0							0
Wind direction	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	SE	SE	SE	SE	E	E	SE	SE	SE	SE	SE	S
Wind movement	12	10	10	9	8	8	7	6	7	6	7	7	9	8	7	6	6	5	6	7	8	6	10	11
Maximum velocities (exceeding 24 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.
	36	21	28	

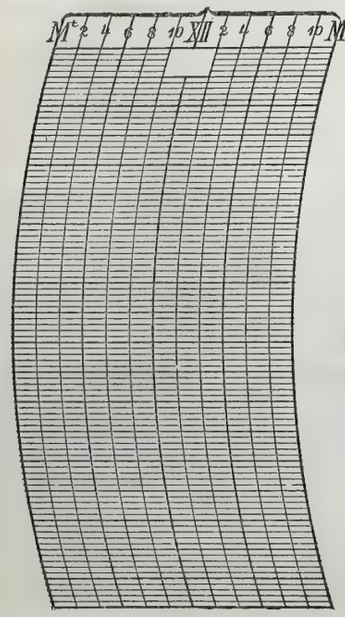
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0.4 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Clear Moon phase, Full Mon.
Average daily cloudiness (0–10) 2
Actual sunshine, hours, 7.8
Possible sunshine, hours, 9.8
Percentage of possible sunshine, 80
Prevailing direction SE
Total movement, 186
Average hourly velocity, 7.8

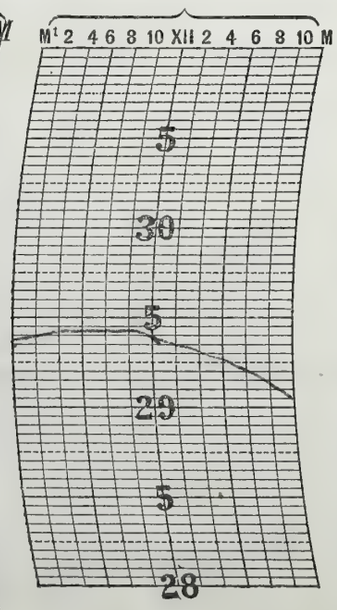
Maximum velocity,	Direction,	Time.
13	SW	12.30 a.m.

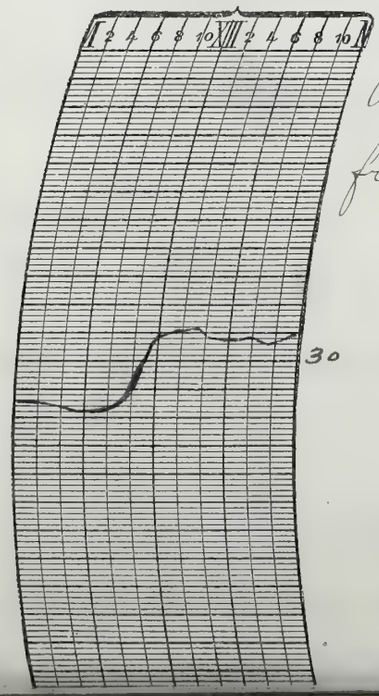
Extreme velocity, 13

	a. m.	p. m.
Relative humidity,	51	86
Reduced barometer,	30.37	30.17

River gage, 19.1 ft. (19.4 ft. during early morning)







NOTES.

Walks and streets slushy and slippery from melting snow and ice

Prepared by
Verified by J.H.T. C

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JAN 23 1913, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	34	34	35	36	38	41	42	42	43	44 42	41	40	40 RE 40	39	38	38	38	37	37	37	36	36	36
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation	05	04	03	04	07	06	04	T	03	T	01	T	01	01										
Cloudiness and other conditions								Cloudy						Cloudy										
Sunrise: Time, 6.57 Character, Cloudy																					Sunset: Time, 4.47 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	SW	W	W	NW	NW	NW
Wind movement	10	13	10	10	12	10	13	15	15	17	20	21	18	16	15	14	10	9	8	8	8	6	4	3
Maximum velocities (exceeding 25 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Accumulated depths during excessive rate, for consecutive periods of time indicated below.

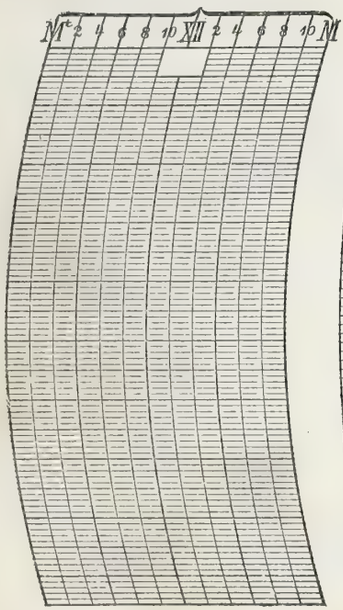
Excessive precipitation, accumulated amounts

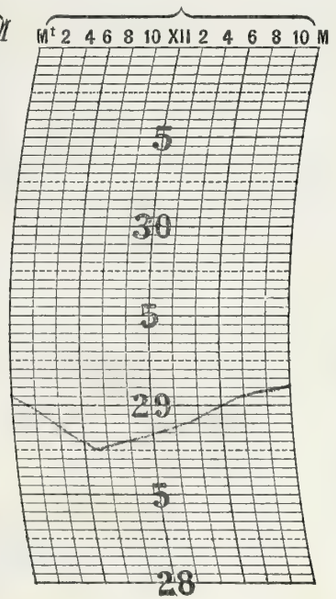
	Maximum.	Minimum.	Mean.	Normal.
	44	34	39	

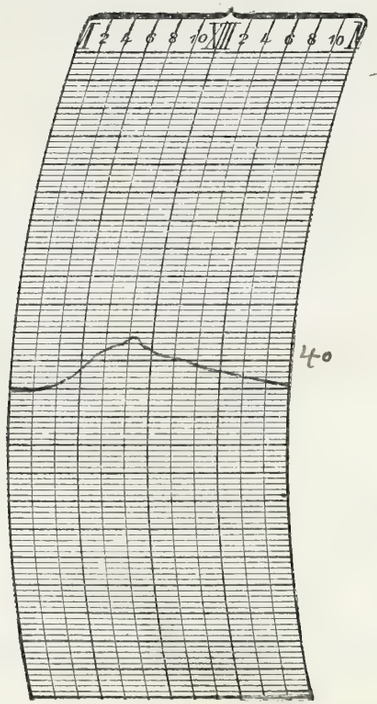
Total depth of snow for 24 hours ending 7 p. m., 0 inches
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .35 ins.; to 7 p. m., .06 ins.
Total precipitation, midnight to midnight, .39 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 10
Actual sunshine, hours, 0
Possible sunshine, hours, 9.8
Percentage of possible sunshine, 0
Prevailing direction SW
Total movement, 285
Average hourly velocity, 11.9

Maximum velocity,	Direction,	Time.
24	SW	11.45 a.m.

Extreme velocity, 24
Relative humidity, 100 a. m. 83 p. m.
Reduced barometer, 29.67 a. m. 29.[illegible] p. m.
River gage, 18.1 ft.







NOTES.

Streets and walks free from ice and snow.

Prepared by J. J. F. C.
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JAN 24 1913, 191

Time (local standard) 90 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	35	33	31	30	30	29	31	32	33	34	35	37	38	40	39	37	36	35	35	33	32	31	31
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Pt cloudy					Clear											
Sunrise: Time, 6.59 Character, Cloudy																					Sunset: Time, 4.48 Character, Clear			
Sunshine (in tenths of hours)							0	0	0	0	0	0.8	1.0	1.0	1.0	0.2 0.8 0.8	0							
Wind direction	W	W	W	NW	NW	NW	NW	N	SW	SW	SW	SW	SW	SW	SW	W	W	SW	SW	SW	SW	SW	SW	SW
Wind movement	5	3	4	4	3	3	2	1	3	3	5	8	10	10	10	8	5	7	6	7	8	9	9	7
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

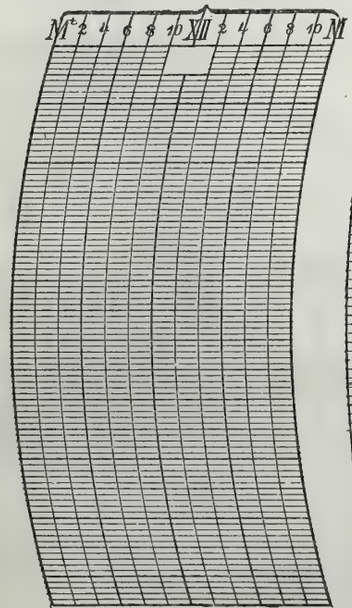
1 hours slower than 75th meridian time.

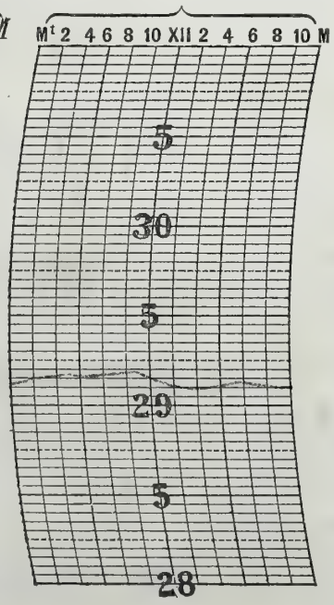
Maximum.	Minimum.	Mean.	Normal.
40	29	34	

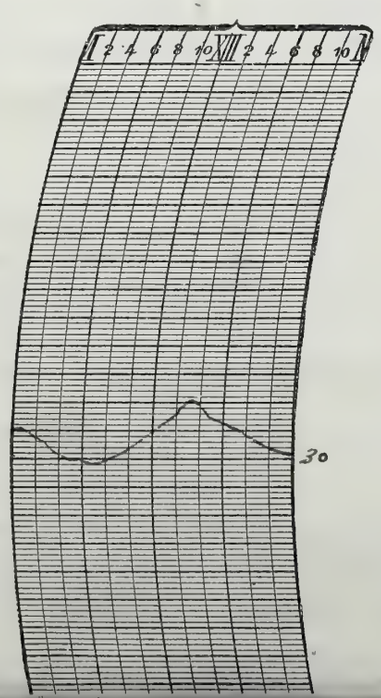
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10) 4
Actual sunshine, hours, 5.6
Possible sunshine, hours, 9.8
Percentage of possible sunshine, 57
Prevailing direction SW
Total movement, 140
Average hourly velocity, 5.8

Maximum velocity,	Direction,	Time.
12	SW	12.32 pm.

Extreme velocity, 12
Relative humidity, 61 a. m. 82 p. m.
Reduced barometer, 30.10 a. m. 30.07 p. m.
River gage, 18.3 ft







NOTES.

Prepared by
Verified by } H.T.C.

Verified by J. T. C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JAN 25 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	31	30	29	29	29	29	29	30	31	34	37	39	40	41	41	41	42	41	41	40	39	38	37	37
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Cloudy					Pt cloudy											
Sunrise: Time, 6.58 Character, Cloudy																					Sunset: Time, 4.49 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0	0.3	0.8	0.3	0.6	1.0	0.5	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	SW	SW	SW	SW	SW	SW
Wind movement	7	8	7	8	9	9	9	10	10	11	12	11	15	15	15	11	12	13	15	15	16	14	16	14

Maximum 19 velocities (exceeding 29 miles) direction and time 19

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	42	29	36	

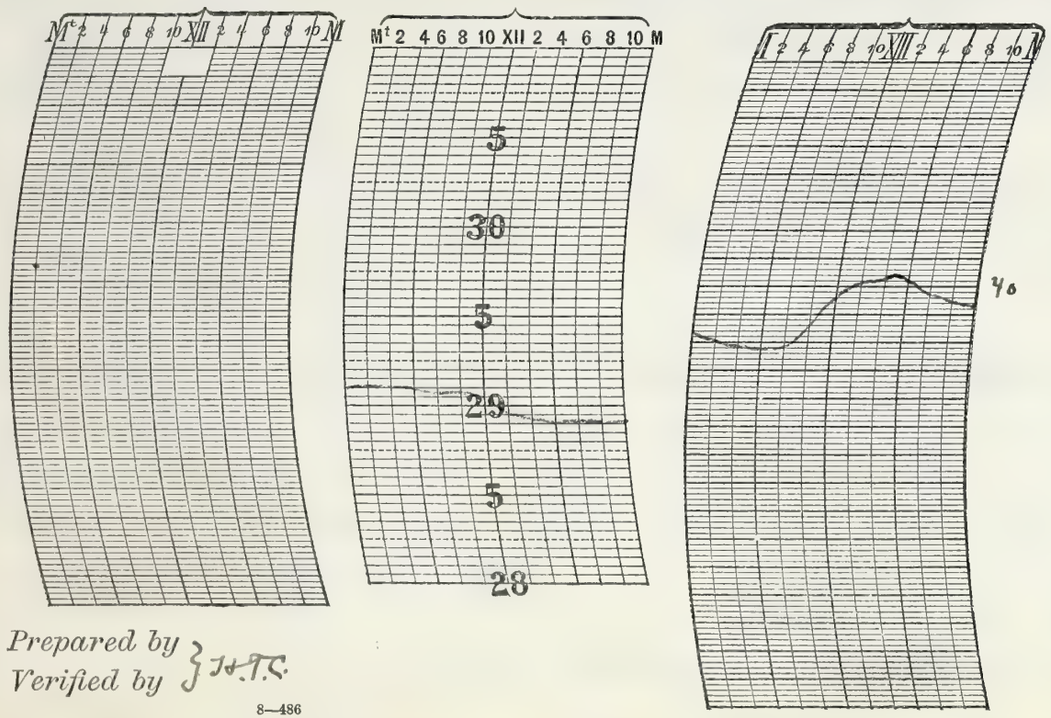
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10) 8
Actual sunshine, hours, 3.5
Possible sunshine, hours, 9.8
Percentage of possible sunshine, 36
Prevailing direction SW
Total movement, 282
Average hourly velocity, 11.8

Maximum velocity,	Direction,	Time.
19	SW	2.00 p.m.

Extreme velocity, 19

Relative humidity, 72 a. m. 82 p. m.
Reduced barometer, 30.02 a. m. 29.85 p. m.
River gage, 17.7 ft.

NOTES.



Prepared by
Verified by } J. T. C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JAN 26 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	37	36	36	35	35	35	36	36	37	40	43	48	52	53	54	53	50	47	43	40	39	39	35	32
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								— Pr.Cloudy					×	Clear										
Sunrise: Time, Character	6.58 Cloudy																				Sunset: 4.57 Clear			
Sunshine (in tenths of hours)							0	0	0.1	0.9	1.0	1.0	1.0	1.0	1.0	0.4 0.6	.85 0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	NW	NW	NW	NW
Wind movement	14	11	11	13	11	14	14	13	15	18	19	15	23	22	22	22	17	15	13	12	13	15	17	16
Maximum velocities (exceeding 19 miles) direction and time																								

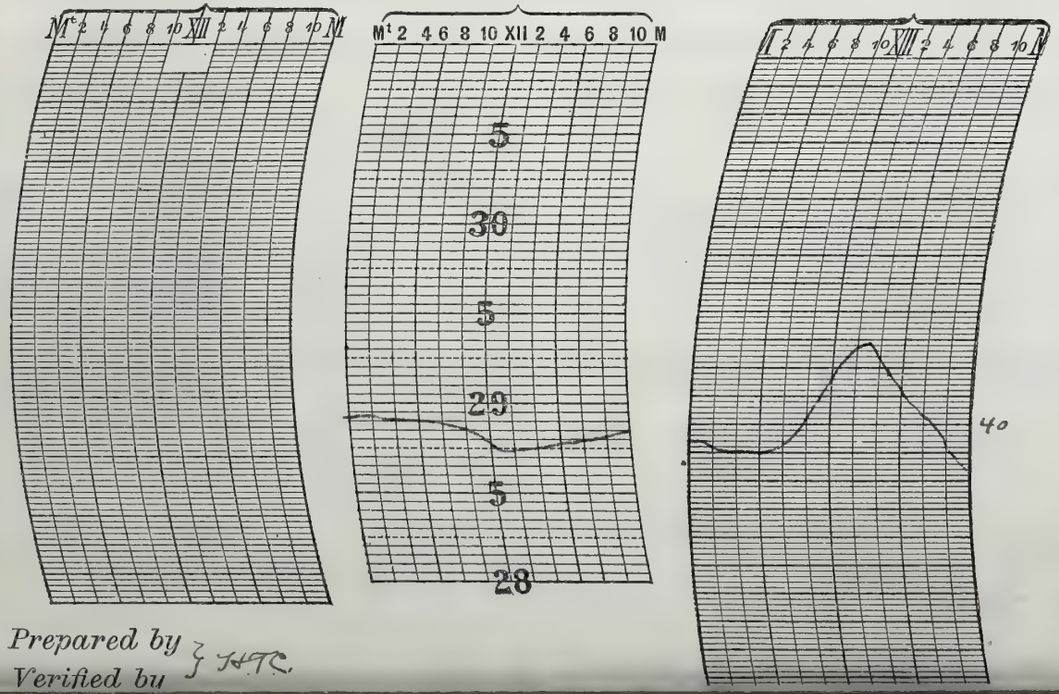
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	54	32	43	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10) 2
Actual sunshine, hours, 7.8
Possible sunshine, hours, 9.9
Percentage of possible sunshine, 79
Prevailing direction SW
Total movement, 375
Average hourly velocity, 15.6

Maximum velocity,	Direction,	Time.
27	SW	3.10 p.m.

Extreme velocity, 27
Relative humidity, 87 a. m. 81 p. m.
Reduced barometer, 29.82 a. m. 29.70 p. m.
River gage, 16.3 ft.



NOTES.

Prepared by
Verified by J. H. T.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JAN 27 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	30	29	29	29	28	27	25	25	25	26	28	29	29	30	28	27	26	26	24	24	24	25	23
State of weather: Nature of precipitation and time of beginning and ending																							S13 10.00	
Amounts of precipitation																								
Cloudiness and other conditions								Cloudy					Clear											
Sunrise: Time, 6.56 Character, Cloudy																					Sunset: Time, 4.52 Character, Clear			
Sunshine (in tenths of hours)							0	0	0	0.1	1.0	1.0	1.0	0.9	1.0	0.8 (0.2)	0 (0.87)							
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	W	W	W	W	W	NW	NW	NW	NW	NW	N	N	N	N
Wind movement	13	12	14	11	9	10	10	14	13	12	13	14	15	14	14	12	10	8	6	5	5	3	1	3
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

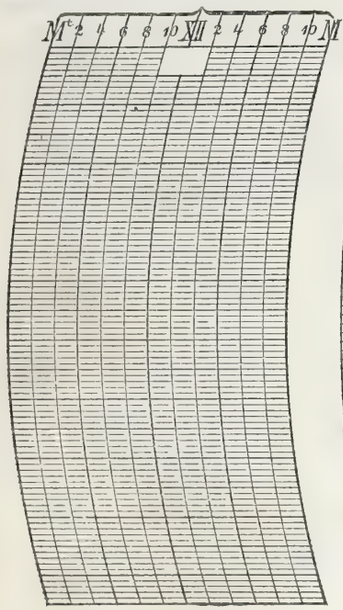
	Maximum.	Minimum.	Mean.	Normal.
	32	23	28	

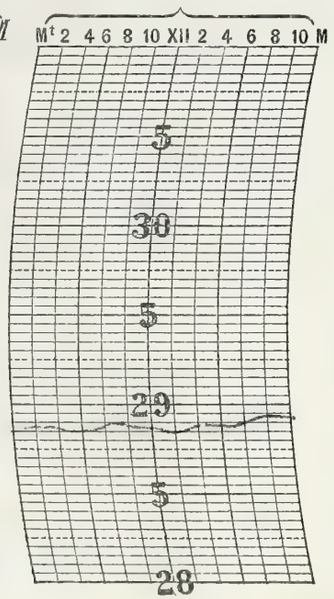
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 1.0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .08 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 3
Actual sunshine, hours, 6.9
Possible sunshine, hours, 9.9
Percentage of possible sunshine, 70
Prevailing direction NW
Total movement, 241
Average hourly velocity, 1.00

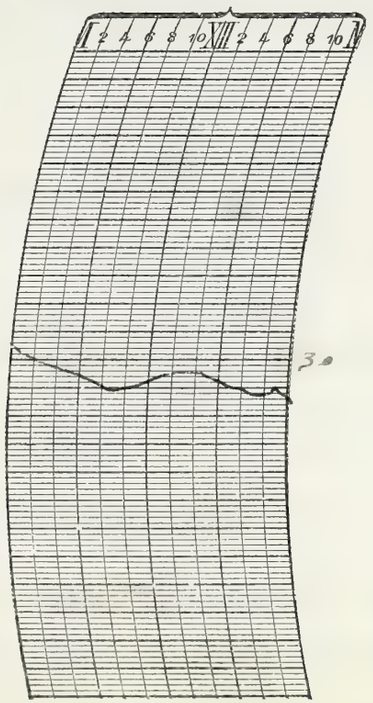
Maximum velocity,	Direction,	Time.
19	W	12.58 p.m.

Extreme velocity, 19
Relative humidity, 82 a. m. 87 p. m.
Reduced barometer, 29.80 a. m. 29.85 p. m.
River gage, 14.3 ft.

NOTES.







Prepared by
Verified by J.H.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JAN 28 1913, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	22	22	22	22	21	21	20	20	20	20	20	22	23 21	20	20	19	19	20 SE 5.10	21	20	20	19	19	18
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Cloudy						Cloudy										
Sunrise: Time, 6.55 Character, Cloudy																					Sunset: Time, 4.53 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	N
Wind movement	4	4	6	6	8	8	11	10	12	14	16	14	16	19	17	16	13	11	10	8	9	9	8	6
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

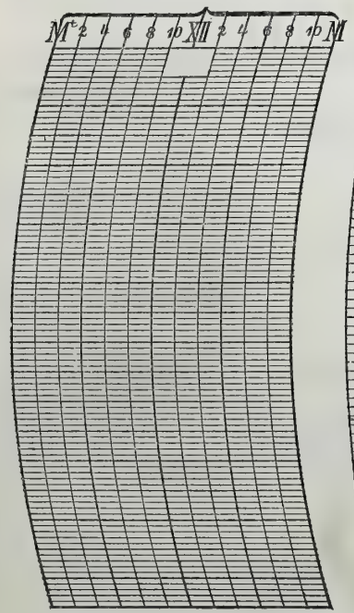
Maximum.	Minimum.	Mean.	Normal.
23	18	20	

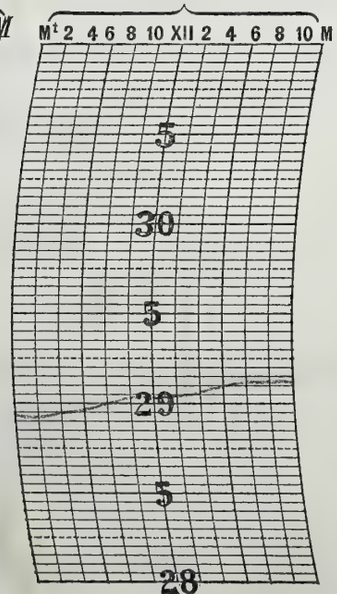
Total depth of snow for 24 hours ending 7 p. m., 7.0 inches.
Snow on ground 7 p. m., 7.0 inches.
Total snowfall, midnight to midnight, 6.0 inches.
Precipitation to 7 a. m., .38 ins.; to 7 p. m., .15 ins.
Total precipitation, midnight to midnight, .45 inches.
Character of day, Cloudy Moon phase Last Quarter
Average daily cloudiness (0–10) 10
Actual sunshine, hours, 0
Possible sunshine, hours, 10.0
Percentage of possible sunshine, 0
Prevailing direction ME
Total movement, 255
Average hourly velocity, 10.6

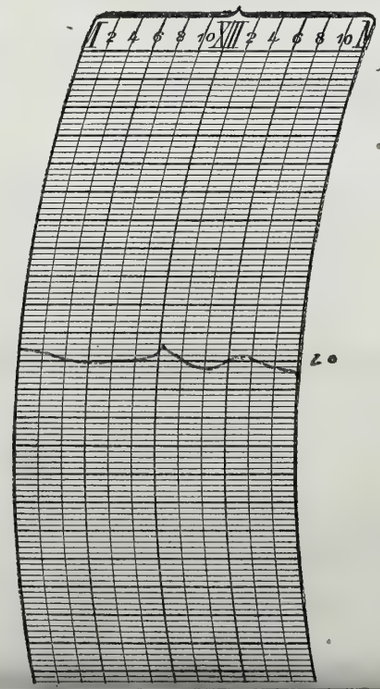
Maximum velocity,	Direction,	Time.
22	NE	10.35a.m.

Extreme velocity, 22

Relative humidity, 78 a. m. 78 p. m.
Reduced barometer, 29.93 a. m. 30.05 p. m.
River gage, 12.3ft







NOTES.

Streets and walks covered with light, dry snow

Prepared by
Verified by J. H. T.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JAN 29 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	16	15	14	15	15	15	16	16	17	18	20	25	26	28	29	30	31	31	30	30	30	31	32	33
State of weather: Nature of precipitation and time of beginning and ending											SB 10.40			SE to 1.50										
State of weather: Amounts of precipitation																								
State of weather: Cloudiness and other conditions									Cloudy					Cloudy		Clear								
Sunrise: Time, 6.55 Character, Cloudy																					Sunset: Time, 4.54 Character, Clear			
Sunshine (in tenths of hours)				0			0	0	0	0	0	0	0	0	0	0,3	0							
Wind direction	N	NW	NW	NW	N	SW	SW	S	S	SW	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	4	5	6	4	2	4	7	8	11	12	12	13	18	17	18	18	14	12	12	11	10	11	11	11
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum. 33 — Minimum. 14 — Mean. 24 — Normal.

Total depth of snow for 24 hours ending 7 p. m., 0.2 inches.

Snow on ground 7 p. m., 7.0 inches.

Total snowfall, midnight to midnight, 0.2 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .02 ins.

Total precipitation, midnight to midnight, .02 inches.

Character of day, Cloudy — Moon phase,

Average daily cloudiness (0-10) 9.9

Actual sunshine, hours, 1.2

Possible sunshine, hours, 10.0

Percentage of possible sunshine, 12

Prevailing direction S

Total movement, 251

Average hourly velocity, 10.5

Maximum velocity, 22 — Direction, S — Time. 3.30 p.m.

Extreme velocity, 23

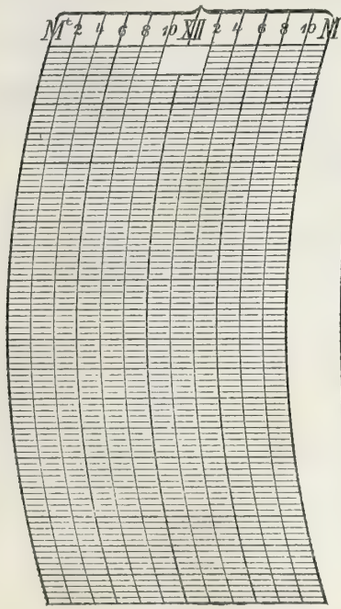
Relative humidity, 83 a. m. 73 p. m.

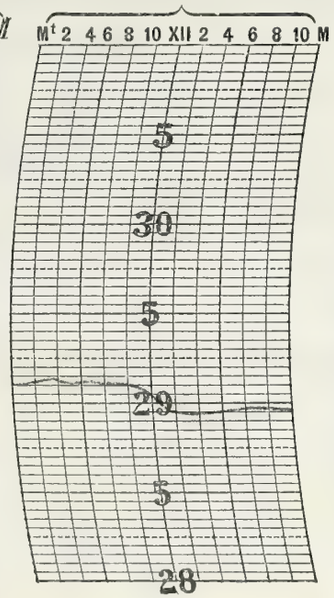
Reduced barometer, 30.06 a. m. 29.94 p. m.

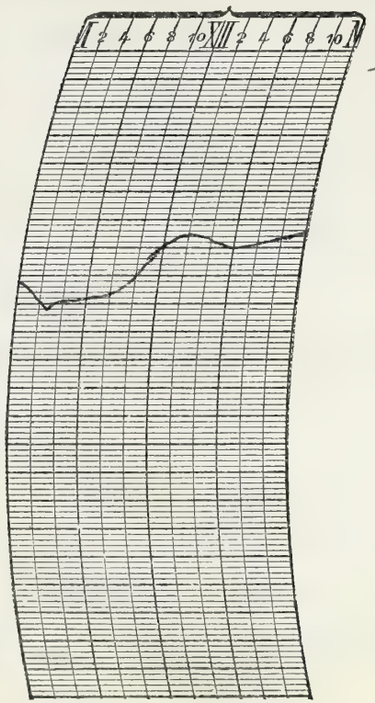
River gage, 10.2 ft.

NOTES.

Street and walks covered with light dry snow







Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JAN 30 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	35	35	36	36	37	37	37	39	41	43	45	45	46	48	49	48	47	48	44 48	47 RB 8.50	46	46	45
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																					T	T	T	T
Cloudiness and other conditions								Clear						Clear										
Sunrise: Time, 654 Character, Clear																					Sunset: Time, 455 Character, Clear			
Sunshine (in tenths of hours)							1.0 0	1.0 0	0.9 0.1	1.0	1.0	1.0	1.0	0.8	0.7	0.1 0.9	.72 0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	12	14	13	14	12	13	12	14	13	14	15	16	16	15	14	12	12	13	14	16	16	22	23	21
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

	Maximum.	Minimum.	Mean.	Normal.
	49	33	41	

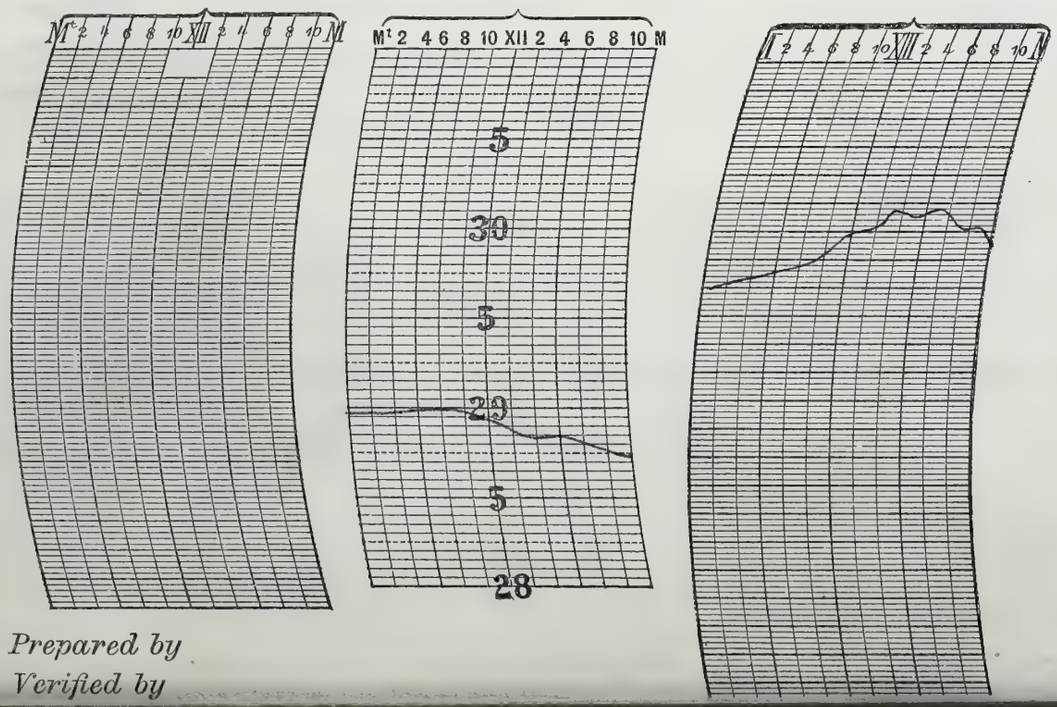
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 1
Actual sunshine, hours, 9.5
Possible sunshine, hours, 10.0
Percentage of possible sunshine, 95
Prevailing direction S
Total movement, 356
Average hourly velocity, 14.8

Maximum velocity,	Direction,	Time.
28	S	9.35 p.m.

Extreme velocity, 28

Relative humidity, 74 a. m. 85 p. m.
Reduced barometer, 29.92 a. m. 29.76 p. m.
River gage, 7.3 ft.

NOTES.



Prepared by
Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JAN 31 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	40	37	31	30	28	26	26	25	23	22	22	21	24	23	21	19	18	16	14	10	5	4	3
State of weather: Nature of precipitation and time of beginning and ending				RE DN SB DN		SE DN					SB 10.50									SE 7.30				
State of weather: Amounts of precipitation	.01	T	.01	.02																				
State of weather: Cloudiness and other conditions																								
Sunshine (in tenths of hours)							0	0	0	0	0	0	0.2	0	0	0	0							
Wind direction	SW	SW	W	W	W	W	W	W	W	W	W	W	SW	SW	W	W	W	W	W	W	W	W	W	W
Wind movement	18	19	15	17	18	20	23	20	18	21	22	22	20	21	15	17	16	14	20	21	25	22	22	20
Maximum velocities (exceeding 20 miles) direction and time																					30 W 8.22			

Sunrise: Time, 6.53; Character, Cloudy

Sunset: Time, 4.57; Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

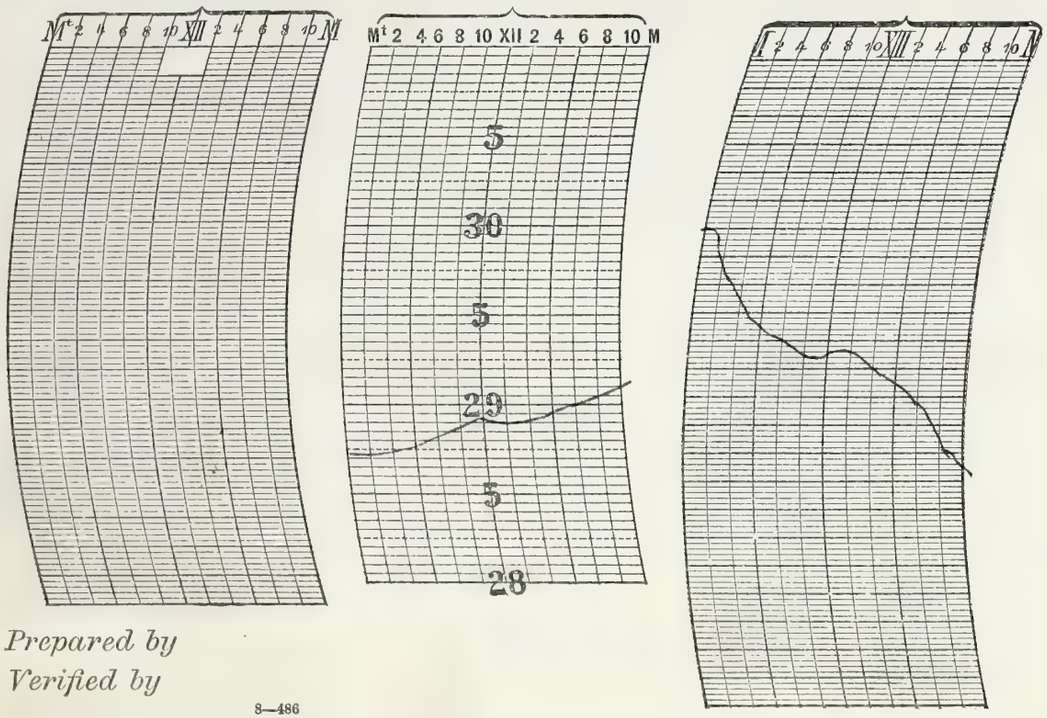
Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	45	3	24	

Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.
Snow on ground 7 p. m., 0.1 inches.
Total snowfall, midnight to midnight, 0.1 inches.
Precipitation to 7 a. m., .04 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .05 inches.
Character of day, Cloudy. Moon phase,
Average daily cloudiness (0-10), 10.0
Actual sunshine, hours, 0.2
Possible sunshine, hours, 10.1
Percentage of possible sunshine, 2
Prevailing direction W
Total movement, 466
Average hourly velocity, 19.4

Maximum velocity,	Direction,	Time.
30	W	8.22 p.m.

Extreme velocity, 30
Relative humidity, 75 a. m., 97 p. m.
Reduced barometer, 29.75 a. m., 29.96 p. m.
River gage, 7.5



NOTES.

Snowflurries during the day

Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) FEB 1 1913, 191

Time (local standard), 90 mer.

	A.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	2	1	1	1	1	1	1	1	3	5	8	10	11	11	12	12	12	11	10	9	8	8	7	7
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							—	—	—	Clear			—	Clear	—									
Sunrise: Time, 6.52 Character, Clear																					Sunset: Time, 4.58 Character, Clear			
Sunshine (in tenths of hours)							.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.9							
Wind direction	W	W	SW	SW	W	SW	SW	SW	SW	SW	SW	SW	SW	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	19	18	19	19	18	20	18	19	20	19	19	17	18	16	15	15	11	12	10	8	9	10	10	9
Maximum 29 velocities (exceeding — miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.
	12	1	6	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow on ground 7 p. m., 0.1 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10), 0
Actual sunshine, hours, 10.1
Possible sunshine, hours, 10.1
Percentage of possible sunshine, 100
Prevailing direction, SW
Total movement, 368
Average hourly velocity, 15.3

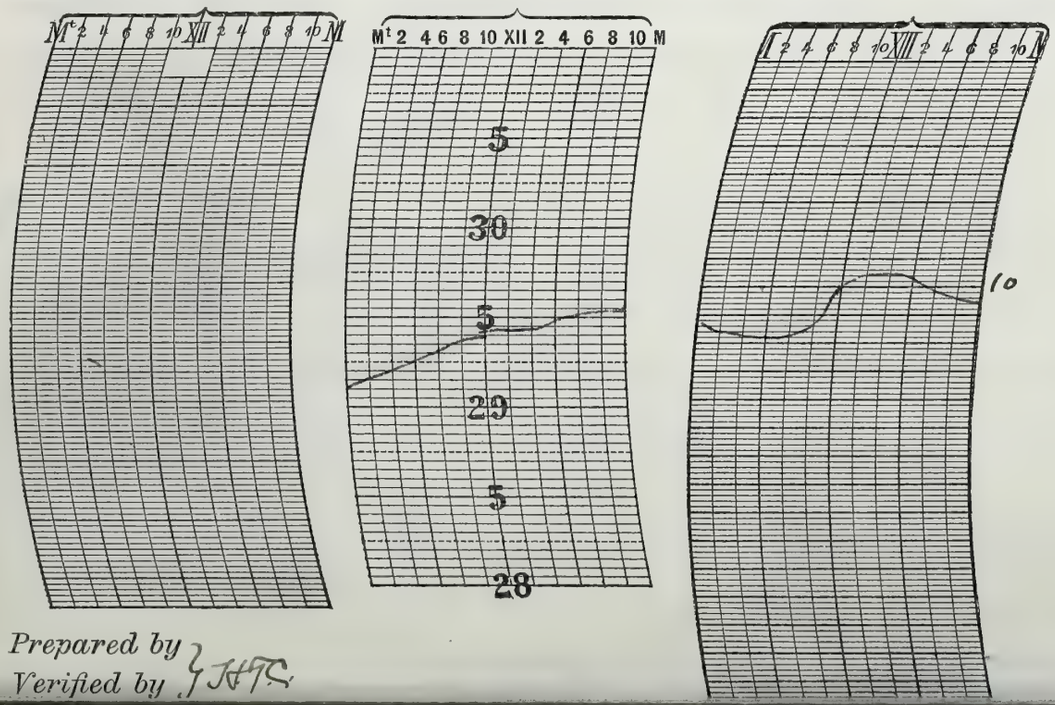
Maximum velocity,	Direction,	Time.
23	W	9.13 a.m.

Extreme velocity, 23

	a. m.	p. m.
Relative humidity,	63	79
Reduced barometer,	30.28	30.50

River gage, 7.3 ft

NOTES.



Prepared by
Verified by JHTC.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) FEB 2 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	12-1 A.M.	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1 P.M.	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	6	6	5	5	4	4	4	6	8	10	13	16	18	20	21	22	23	23	23	23	23	23 SB 9.45	22	23
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							—	—	Clear	—	—	—	Clear	—	—	Cloudy								
Sunrise: Time, 6.51 Character, Clear																					Sunset: Time, 4.59 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S	S	S
Wind movement	10	8	9	8	10	9	9	10	14	15	15	14	14	16	13	14	13	9	10	11	11	11	12	12
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

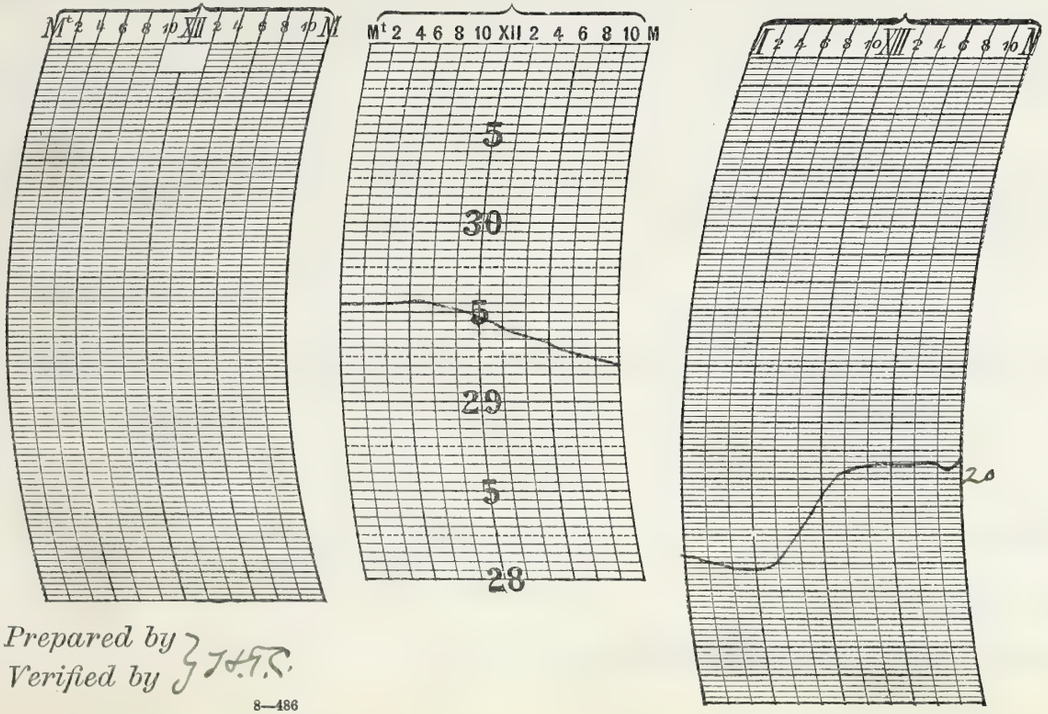
	Maximum.	Minimum.	Mean.	Normal.
	23	4	14	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0.1 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 1
Actual sunshine, hours, 8.2
Possible sunshine, hours, 10.1
Percentage of possible sunshine, 81
Prevailing direction S
Total movement, 277
Average hourly velocity, 11.5

Maximum velocity,	Direction,	Time.
18	SW	1.05 p.m.

Extreme velocity, 18
Relative humidity, 68 a. m. 73 p. m.
Reduced barometer, 30.54 a. m. 30.30 p. m.
River gage, 6.2 ft

NOTES.



Prepared by
Verified by J.H.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) FEB 3 1913, 191

Time (local standard), 90 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	24	25	25	24	24	24	24	25	26	28	30	31	32	32	30	28	25	22	20	18	16	14	12
State of weather: Nature of precipitation and time of beginning and ending										SE 9.20														
Amounts of precipitation																								
Cloudiness and other conditions								Cloudy →					← Clear →			Cldy →								
Sunrise: Time, 6.50 Character, Cloudy																					Sunset: Time, 5.01 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0.2	1.0	1.0	1.0	0.6	0	0	0						
Wind direction	S	S	SW	S	NW	N	N	N	N	N	N	N	NW	NW	NW	W	NW	NW	NW	NW	W	W	W	SW
Wind movement	8	6	3	2	4	3	3	5	7	5	3	5	8	9	7	8	11	13	14	10	9	8	10	9
Maximum velocities (exceeding 29 miles) direction and time 1																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

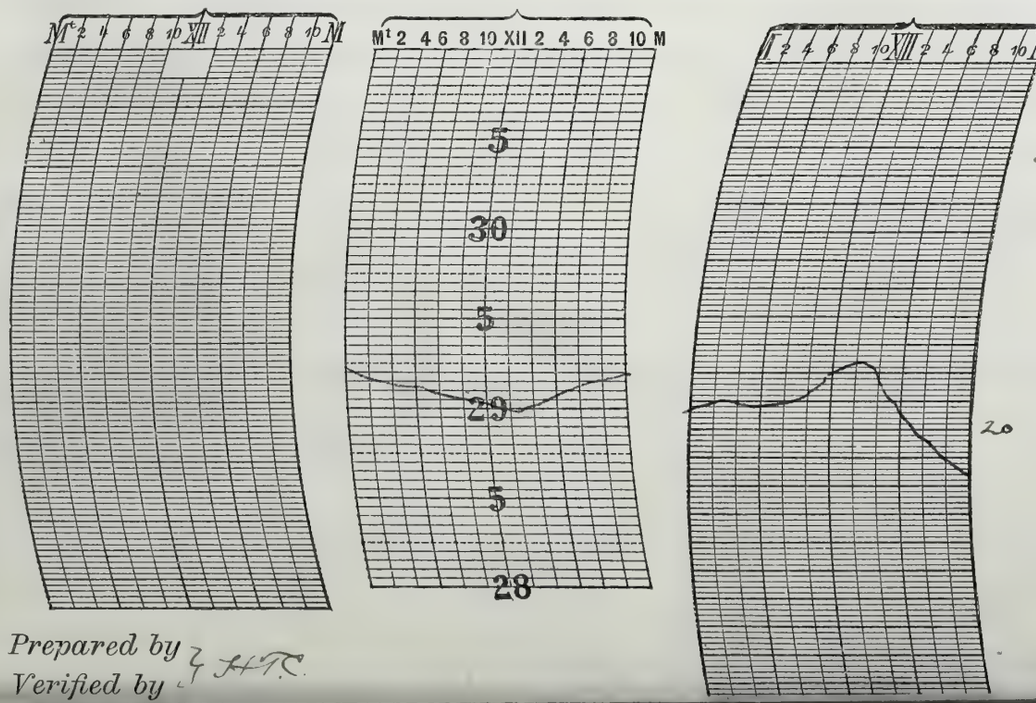
	Maximum.	Minimum.	Mean.	Normal.
	32	12	22	

Total depth of snow for 24 hours ending 7 p. m., 6.2 inches.
Snow on ground 7 p. m., 5.6 inches.
Total snowfall, midnight to midnight, 6.2 inches.
Precipitation to 7 a. m., .32 ins.; to 7 p. m., .04 ins.
Total precipitation, midnight to midnight, .36 inches.
Character of day, A Cldy Moon phase,
Average daily cloudiness (0-10) 6
Actual sunshine, hours, 3.8
Possible sunshine, hours, 10.2
Percentage of possible sunshine, 37
Prevailing direction NW
Total movement, 170
Average hourly velocity, 7.1

Maximum velocity,	Direction,	Time.
16	NW	5.55 p.m.

Extreme velocity, 16

Relative humidity, 100 a. m. 72 p. m.
Reduced barometer, 30.04 a. m. 30.05 p. m.
River gage, 5.4 ft.



NOTES.

Dry snow fell during the early morning and forenoon to the depth of 6.2 inches.

Prepared by
Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) FEB 4 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	10	9	7	6	4	2	2	4	7	10	12	14	15	16	16	16	15	14	13	12	11	11	12	10
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Cloudy	×	Clear			Clear											
Sunrise: Time, 6.49 Character, Cloudy																					Sunset: Time, 5.02 Character, Clear			
Sunshine (in tenths of hours)							0	0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0	0						
Wind direction	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W
Wind movement	9	11	12	11	9	10	9	12	13	14	16	16	18	17	18	17	17	15	15	16	16	16	14	13

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	16	2	9	

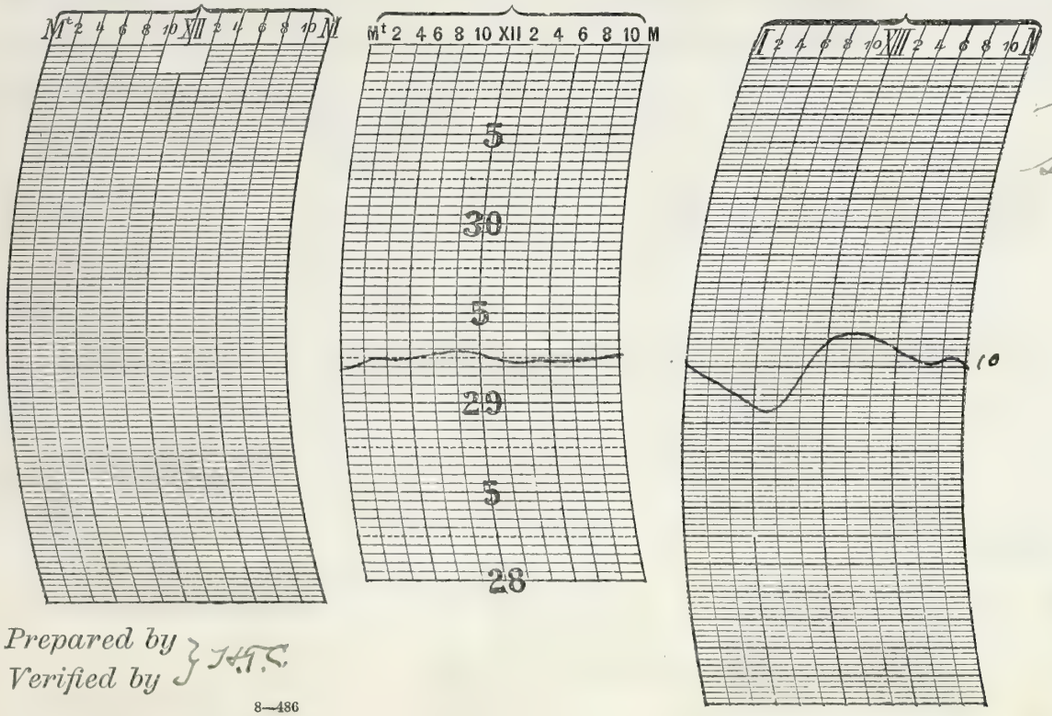
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 5.5 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 2
Actual sunshine, hours, 8.7
Possible sunshine, hours, 10.2
Percentage of possible sunshine, 85
Prevailing direction SW
Total movement, 334
Average hourly velocity, 13.9

Maximum velocity,	Direction,	Time.
22	SW	2.05 pm.

Extreme velocity, 24

	a. m.	p. m.
Relative humidity,	82	69
Reduced barometer,	30.21	30.21

River gage, 5.0 ft.



Prepared by
Verified by } H.T.C.

8—486

NOTES.

in many places Streets and walks covered with snow

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) FEB 1 1913, 191

Time (local standard) 90th mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	8	5	4	3	0	-1	-2	-2	-4	0	3	6	6	6	7	7	6	6	6	5	4	3	2	1
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions									Pt. Cloudy				Pt. Cloudy											
Sunrise: Time, Character,	6.48 Cloudy																				Sunset: Time, 5.03 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0.4	1.0	1.0	1.0	1.0	0.3	0	0	0	0						
Wind direction	W	W	W	SW	SW	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	11	11	9	11	9	12	8	9	10	13	15	16	21	19	19	19	18	17	16	17	13	16	15	14
Maximum velocities (exceeding 27 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

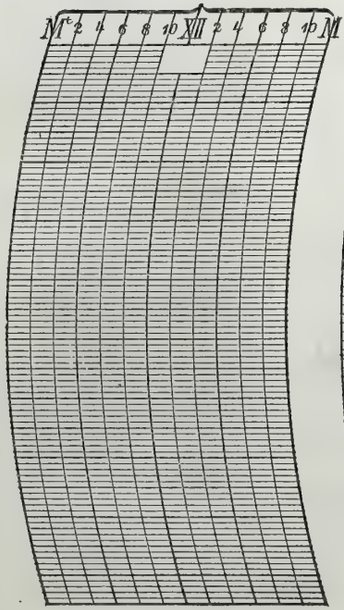
Maximum.	Minimum.	Mean.	Normal.
10	-4	3	

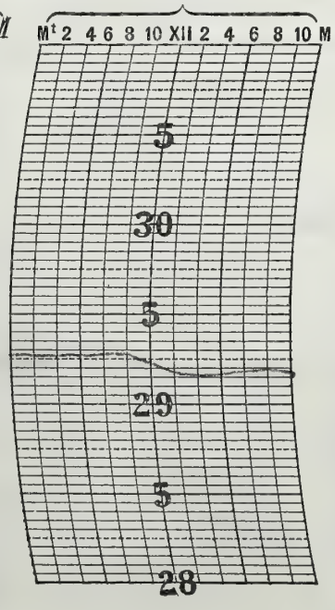
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 5.4 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cloudy Moon phase,
Average daily cloudiness (0–10) 4
Actual sunshine, hours, 6.3
Possible sunshine, hours, 10.2
Percentage of possible sunshine, 62
Prevailing direction SW
Total movement, 335
Average hourly velocity, 14.0

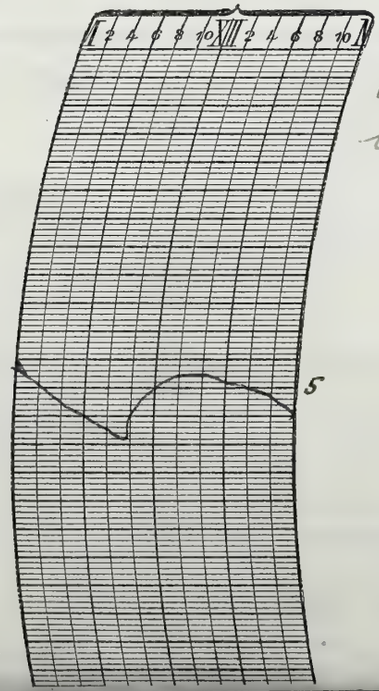
Maximum velocity,	Direction,	Time.
25	SW	3.00 p.m.

Extreme velocity, 25

Relative humidity, 78 a. m. 75 p. m.
Reduced barometer, 30.26 a. m. 30.17 p. m.
River gage, 4.8 ft.







NOTES.

Walks in many places, and streets covered with snow

Prepared by
Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) FEB 6 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	1	0	0	-1	-2	-2	-2	0	3	5	8	10	12	14	15	14	13	12	11	10	9	8	7	7
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Clear						Clear										
Sunrise: Time 6.47, Character Clear																					Sunset: Time 5.04, Character Clear			
Sunshine (in tenths of hours)							.22 0	1.0 0	.03 .8	1.0	1.0	1.0	1.0	1.0	1.0	.5 .6	1.0 0	.07 0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	15	13	14	15	17	15	14	14	14	14	16	19	22	22	21	20	12	11	11	12	13	14	13	13
Maximum velocities (exceeding 27 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

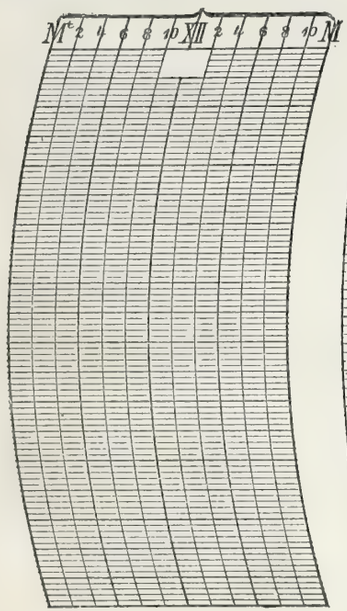
	Maximum.	Minimum.	Mean.	Normal.
	15	-2	6	

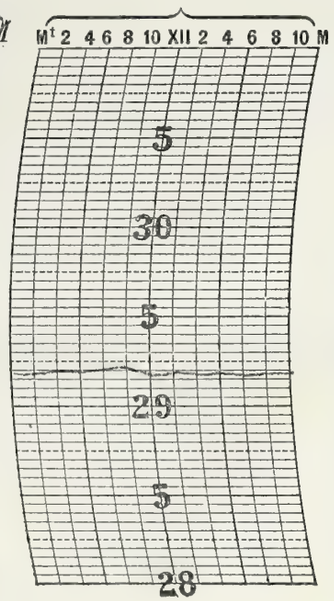
Total depth of snow for 24 hours ending 7 p. m., 0 inche
Snow on ground 7 p. m., 5.3 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, New Moon
Average daily cloudiness (0-10) 0
Actual sunshine, hours, 10.3
Possible sunshine, hours, 10.3
Percentage of possible sunshine, 100
Prevailing direction SW
Total movement, 361
Average hourly velocity, 15.0

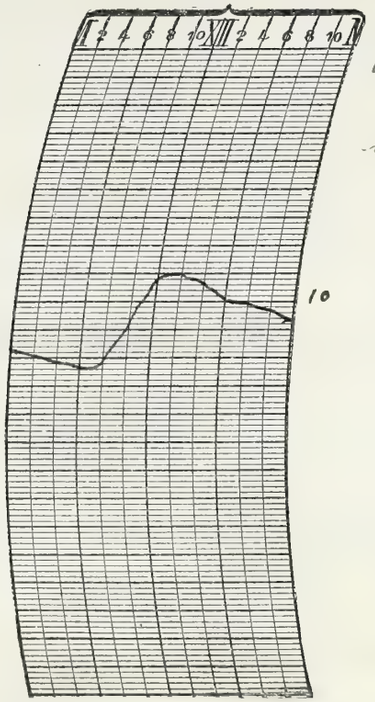
Maximum velocity,	Direction,	Time.
25	SW	12.50 p.m.

Extreme velocity, 25

Relative humidity, 71 a. m. 75 p. m.
Reduced barometer, 30.21 a. m. 30.17 p. m.
River gage, 4.5 ft.







Prepared by J
Verified by J J.H.T.C

8—486

NOTES.

Walks in many places and streets covered with snow and ice

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) FEB 7 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	6	5	5	4	4	4	4	6	8	10	12	13	14	15	16	16	15	15	14	14	13	14	14	13
State of weather: Nature of precipitation and time of beginning and ending									Clear						Clear									
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunrise: Time, Character,	6.45 Clear																				Sunset: Time, 5.05 Character, Clear			
Sunshine (in tenths of hours)							.25 0	1.0 0	0.5 0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.2 0.8	1.0 0	0.8 0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	13	12	11	11	13	12	12	13	14	15	19	21	22	24	26	25	22	20	22	19	19	20	21	20
Maximum velocities (exceeding 29 miles) direction and time														30 SW 1.50	31 SW 2.55	30 SW 3.45								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

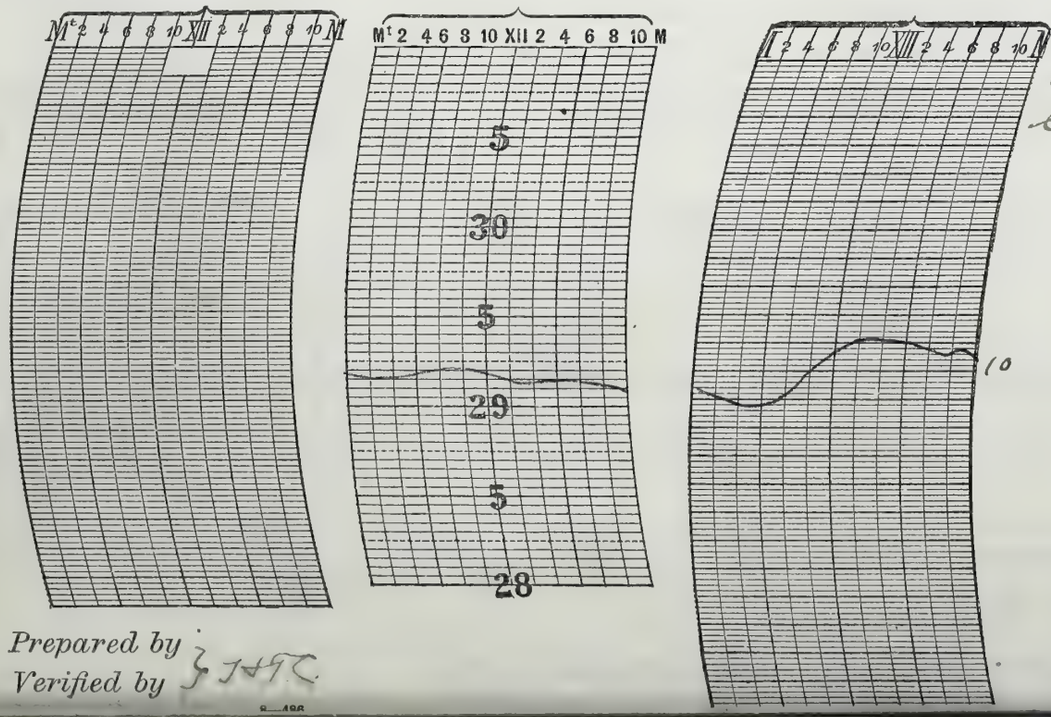
	Maximum.	Minimum.	Mean.	Normal.
	16	4	10	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 5.2 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 0
Actual sunshine, hours, 10.3
Possible sunshine, hours, 10.3
Percentage of possible sunshine, 100
Prevailing direction SW
Total movement, 426
Average hourly velocity, 17.7

Maximum velocity,	Direction,	Time.
31	SW	2.55 p.m.

Extreme velocity, 31

Relative humidity, 78 a. m. 71 p. m.
Reduced barometer, 30.18 a. m. 30.12 p. m.
River gage, 4.2 ft.



NOTES.

Walks, in many places, and streets covered with snow and ice

Prepared by
Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

FEB 10 1913

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) ....., 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	13	13	13	14	14	14	14	15	17	20	22	25	26	26	26	25	24	23	22	21	20	18	16	14
State of weather: Nature of precipitation and time of beginning and ending													SB 12.30	SE 1.20										
State of weather: Amounts of precipitation																								
State of weather: Cloudiness and other conditions								—	Clear			×	Pt Cloudy	clear										
Sunrise: Time 6.44, Character Clear																					Sunset: Time 5.07, Character Clear			
Sunshine (in tenths of hours)							.2 7 0	1.0 0	0.2 0.8	1.0	1.0	1.0	0.8	0.8	1.0	0.2 0.8	1.0 0	1.2 0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	SW	SW	SW	SW	SW	SW
Wind movement	17	15	18	18	18	18	18	18	21	22	20	18	18	21	18	16	9	7	7	8	9	8	9	9
Maximum velocities (exceeding 20 miles) direction and time	1																							

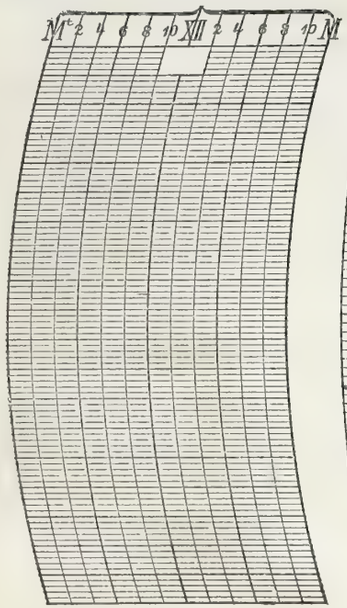
Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

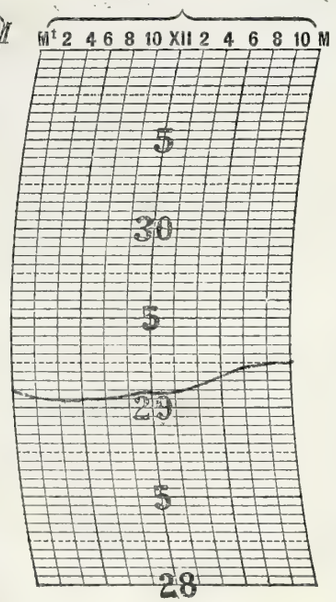
	Maximum.	Minimum.	Mean.	Normal.
	26	13	20	

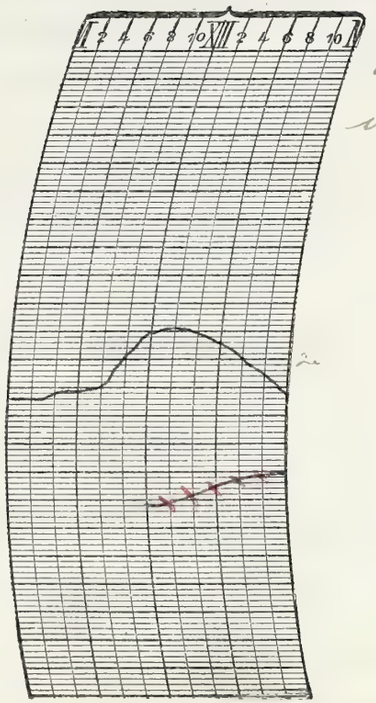
Total depth of snow for 24 hours ending 7 p. m., 11 in.
Snow on ground 7 p. m. 4.2 inches.
Total snowfall, midnight to midnight, 7 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 7
Total precipitation, midnight to midnight, 77 inches.
Character of day, Clear Moon phase, ...
Average daily cloudiness (0-10) 1
Actual sunshine, hours, 10.0
Possible sunshine, hours, 10.4
Percentage of possible sunshine, 96
Prevailing direction SW
Total movement, 360
Average hourly velocity, 15.0

Maximum velocity,	Direction,	Time.
26	SW	8.25 p.m.

Extreme velocity, 26
Relative humidity, 78 a. m. 72 p. m.
Reduced barometer, 30.02 a. m. 30.19 p. m.
River gage, 3.8 ft.







NOTES.

Walks in many places and streets covered with snow and ice.

Prepared by }
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) FEB 9 # 1913, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	14	13	13	12	11	11	12	15	20	24	26	27	27	28	28	29	28	27	24	24	23	21	20	19
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions										Cloudy			Cloudy											
Sunrise: Time, 6.43 Character, Cloudy																					Sunset: Time, 5.08 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0	0.6	0.4	1.0	1.0	0.1	0	0	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	SW	SW	SW	W	W	NW	NW	NW	NW
Wind movement	10	10	10	9	9	9	9	8	9	10	9	11	13	12	9	11	7	6	4	3	3	2	2	4

Maximum velocities (exceeding 29 miles) direction and time: 1

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
29	11	20	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m. 3.4 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10) 7
Actual sunshine, hours, 3.1
Possible sunshine, hours, 10.4
Percentage of possible sunshine, 30
Prevailing direction SW
Total movement, 190
Average hourly velocity, 7.9

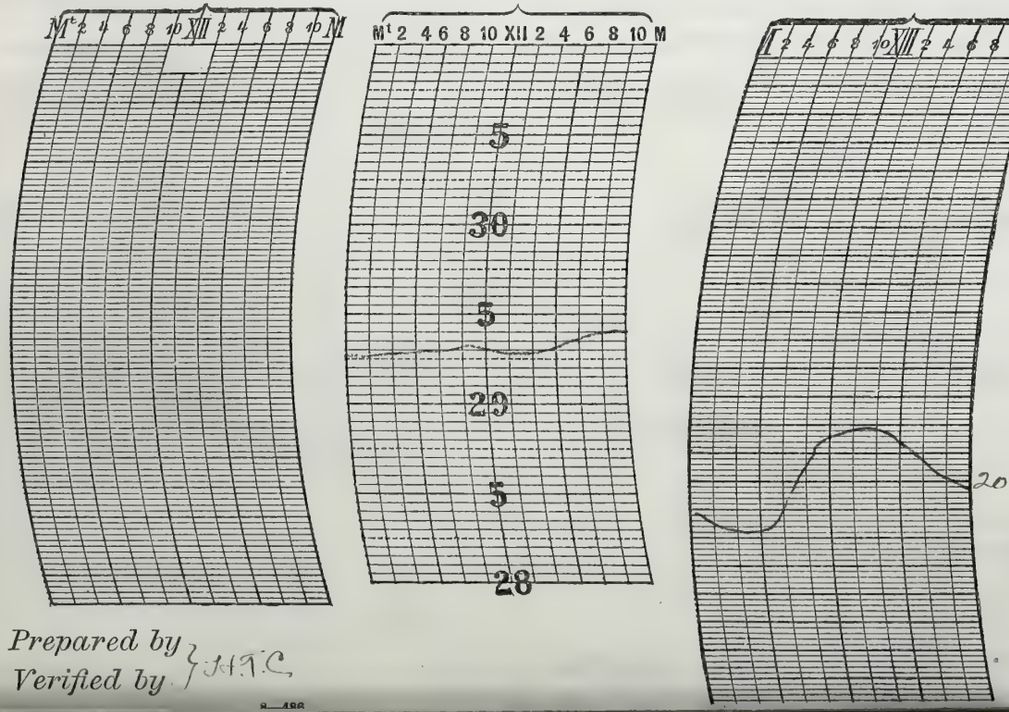
Maximum velocity,	Direction,	Time.
15	W	12.35 p.m.

Extreme velocity, 15

Relative humidity, 56 a. m. 61 p. m.
Reduced barometer, 30.27 a. m. 30.31 p. m.
River gage, 3.5 ft.

NOTES.

Walks in many places and streets covered with snow and ice.



Prepared by
Verified by J.H.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) FEB 10 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	17	16	15	12	11	12	9	11	13	20	25	29	32	34	35	35	34	34	33	33	33	33	33	34
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions									Mcloudy				Rcloudy											
Sunrise: Time, Character,	6.42 Clear																				Sunset: Time, 5.09 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0	1.8	4.0	1.8	0.9	0	0	0	0	0						
Wind direction	N	NE	NE	NE	E	E	E	E	E	E	SE	SE	SE	SE	S	S	SE	S	S	S	SW	SW	SW	SW
Wind movement	4	3	3	5	6	4	6	5	5	6	8	8	10	10	10	12	14	12	12	15	13	14	14	14
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

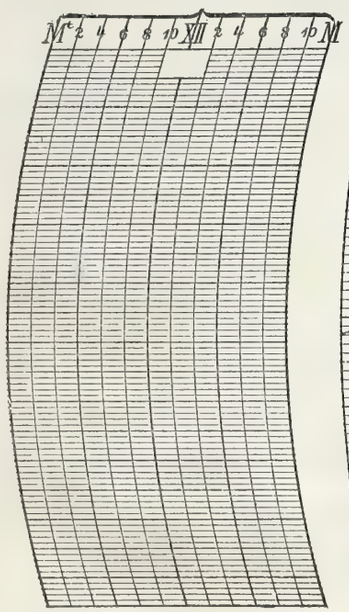
	Maximum.	Minimum.	Mean.	Normal.
	35	9	22	

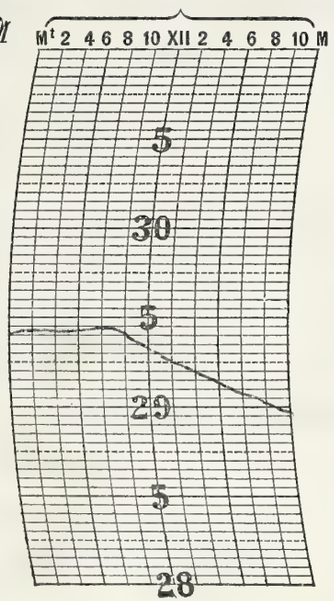
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0.8 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Rcloudy Moon phase,
Average daily cloudiness (0–10), 7.5
Actual sunshine, hours, 3.8
Possible sunshine, hours, 10.4
Percentage of possible sunshine, 36
Prevailing direction E
Total movement, 213
Average hourly velocity, 8.9

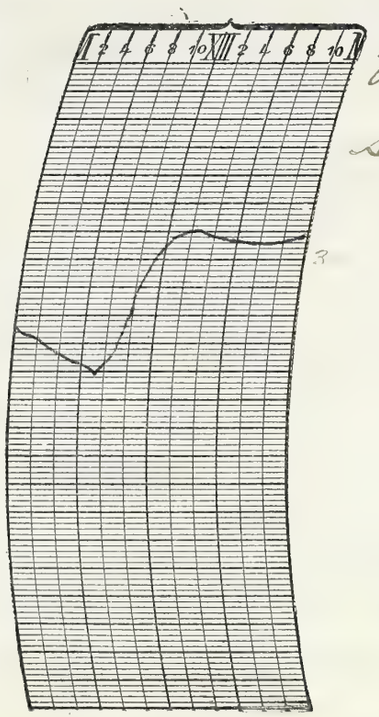
Maximum velocity,	Direction,	Time.
18	S	7.05 p.m.

Extreme velocity, 18

Relative humidity, 73 a. m. 92 p. m.
Reduced barometer, 30.40 a. m. 30.03 p. m.
River gage, 3.2 ft.







NOTES.

Walks and streets nearly free from snow and ice

Prepared by J. H. T. C.
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) FEB 11 1913, 191

Time (local standard) 90 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	34	34 SB DN	34	34 SE DN	34	34	34	29	25	24	25	24	24	24	23	22	20	18	17	16	15	15	14
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								→ Pt Cloudy				→	Clear →											
Sunrise: Time, Character	6.41 Cloudy																				Sunset: 5.10 Cloudy			
Sunshine (in tenths of hours)				0			0	0	0.1	0.4	1.0	1.0	1.0	1.0	1.0	0.4	0	0						0
Wind direction	SW	SW	SW	S	SW	SW	W	W	NW	NW	NW	NW	NW	NW	NW	W	NW	NW	NW	W	W	W	W	W
Wind movement	14	15	15	13	10	13	16	17	18	19	19	18	20	17	18	17	14	11	10	9	8	7	9	10
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.
	34	14	24	

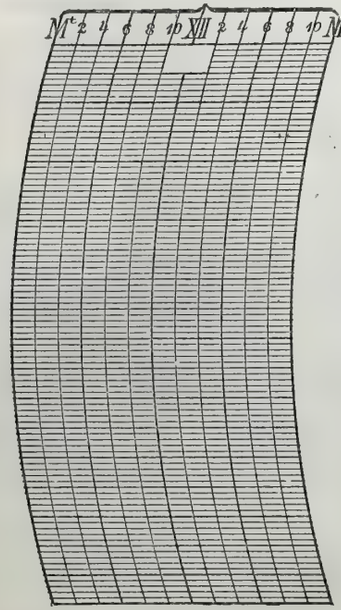
Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0–10) 4
Actual sunshine, hours, 5.9
Possible sunshine, hours, 10.5
Percentage of possible sunshine, 56
Prevailing direction NW
Total movement, 339
Average hourly velocity, 14.1

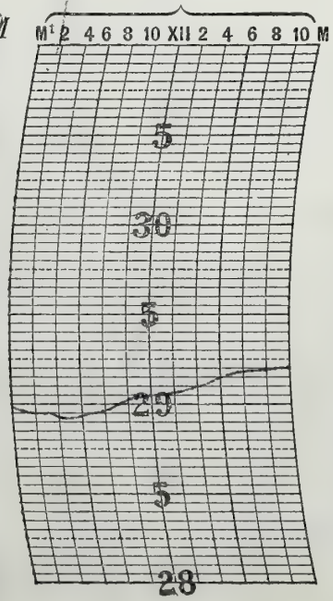
Maximum velocity,	Direction,	Time.
23	NW	10.35 a.m.

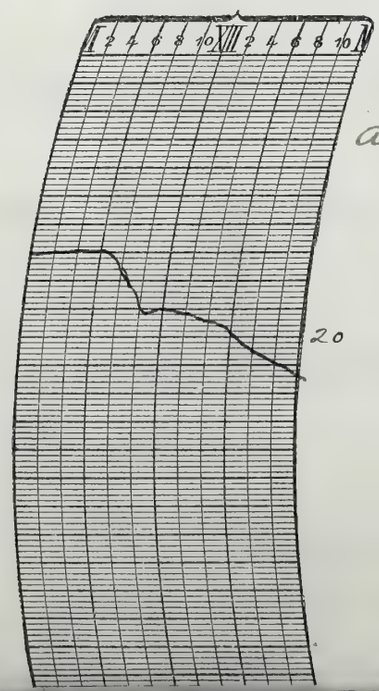
Extreme velocity, 24

	a. m.	p. m.
Relative humidity,	90	75
Reduced barometer,	29.87	30.12

River gage, 3.5 ft.







NOTES.

Walks and streets nearly free from snow and ice.

Prepared by J.H.T.C.
Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) FEB 12 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	13	12	11	10	10	8	7	7	8	9	10	12	13	14	14	15	13	12	10	8	6	5	3	2
State of weather. Nature of precipitation and time of beginning and ending													SB 2.10			SE 4:00								
Amounts of precipitation																								
Cloudiness and other conditions								Cloudy						Cloudy										
Sunrise: Time, 6.39 Character, Cloudy																					Sunset: Time, 5.12 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0.1	0.6	0.7	0.3	0.2	0.1	0.1	0.2	0	0						
Wind direction	W	W	W	W	W	W	W	W	NW	N	NW	NW	NW	NW	NW	NW	NW	W	W	W	W	W	SW	SW
Wind movement	10	10	8	8	9	9	10	10	9	7	10	12	15	12	13	12	11	9	8	8	9	7	6	8
Maximum velocities (exceeding 29 miles) direction and time 1																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

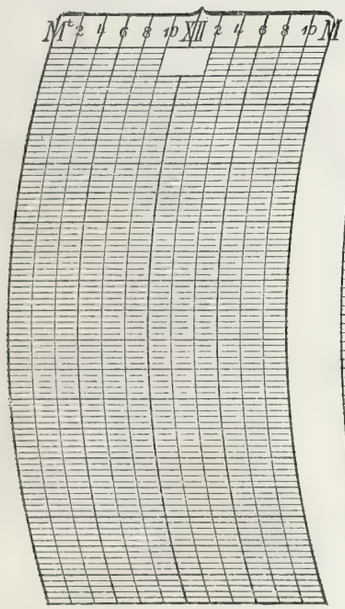
	Maximum.	Minimum.	Mean.	Normal.
	15	2	8	

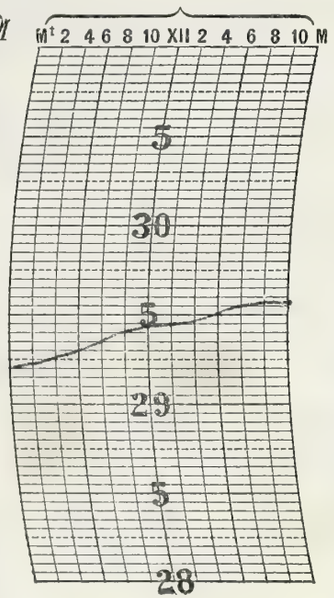
Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 8
Actual sunshine, hours, 2.3
Possible sunshine, hours, 10.6
Percentage of possible sunshine, 22
Prevailing direction W
Total movement, 230
Average hourly velocity, 9.6

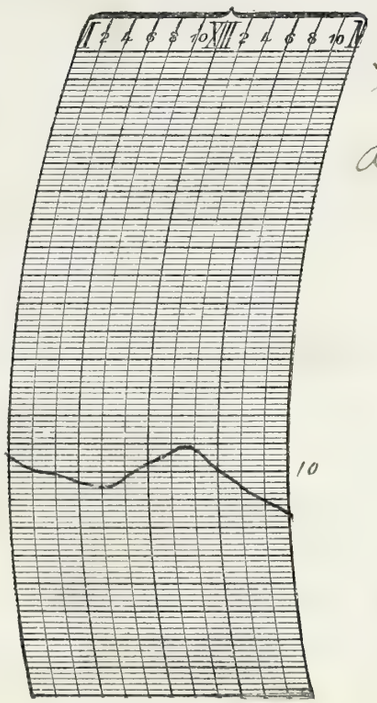
Maximum velocity,	Direction,	Time.
18	NW	12.30p

Extreme velocity, 18

Relative humidity, 71 a. m. 83 p. m.
Reduced barometer, 30.30 a. m. 30.52 p. m.
River gage, 5.7 ft.







NOTES.

Streets and walks nearly free from snow and ice

Prepared by J. H. T. C.
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) FEB 13 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	1	1	0	-1	-1	-1	-1	1	5	10	13	16	18	20	21	22	20	18	17	17	16	15	14	13
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Clear						Clear										
Sunrise: Time, 6.38 Character, Clear																					Sunset: Time, 5.13 Character, Clear			
Sunshine (in tenths of hours)							.37 0	1.0 0	0.5 0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.7 0.3	.22 0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	SW	SW	SW	SW
Wind movement	8	8	9	8	8	9	8	9	11	14	17	18	17	17	17	17	15	11	10	14	12	12	13	11
Maximum velocities (exceeding 29 miles) direction and time																								

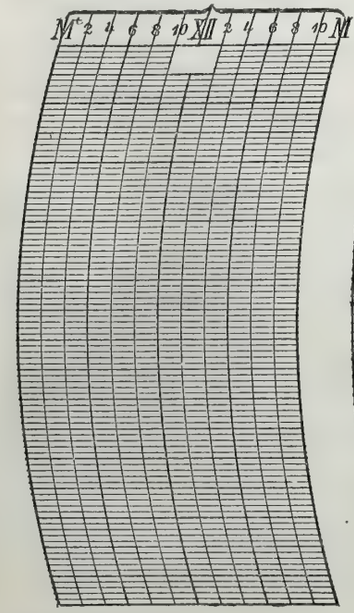
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

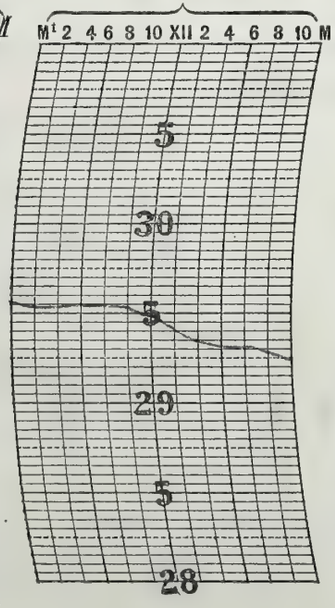
	Maximum.	Minimum.	Mean.	Normal.
	22	-1	10	

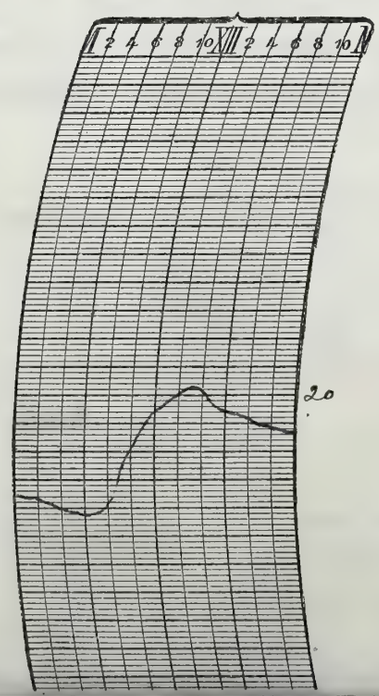
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10) 0
Actual sunshine, hours, 10.6
Possible sunshine, hours, 10.6
Percentage of possible sunshine, 100
Prevailing direction SW
Total movement, 292
Average hourly velocity, 12.2

Maximum velocity,	Direction,	Time.
21	SW	11.45 am

Extreme velocity, 21
Relative humidity, 59 a. m. 71 p. m.
Reduced barometer, 30.52 a. m. 30.27 p. m.
River gage, 3.6 ft.







NOTES.

Streets and walks nearly free from snow and ice.

Prepared by
Verified by J.T.H.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) FEB 14 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	11	13	15	16	17	15	16	19	23	26	30	33	33	34	36	38	36	35	33	33	33	33	32	32
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions										Clear			Clear											
Sunshine (in tenths of hours)							0	0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	12	12	14	12	14	10	11	9	13	15	15	13	15	14	17	16	12	10	10	13	13	15	14	12
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 6.37; Character, Clear

Sunset: Time, 5.17; Character, Clear

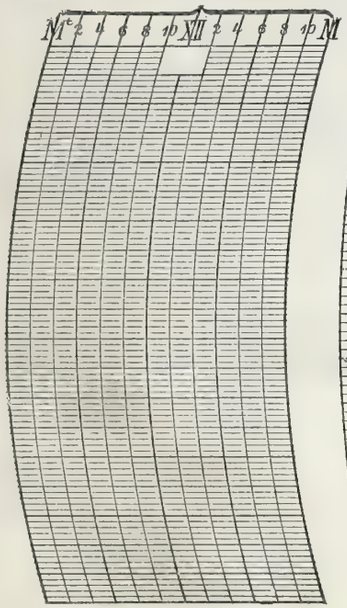
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

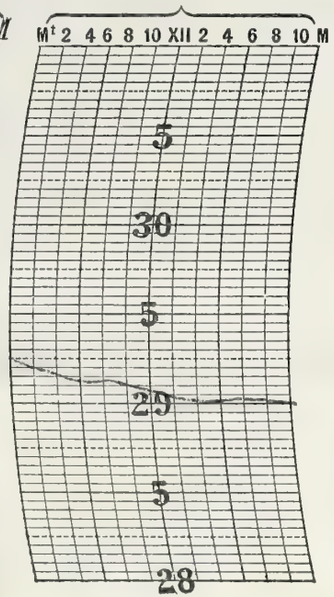
	Maximum.	Minimum.	Mean.	Normal.
	38	11	24	

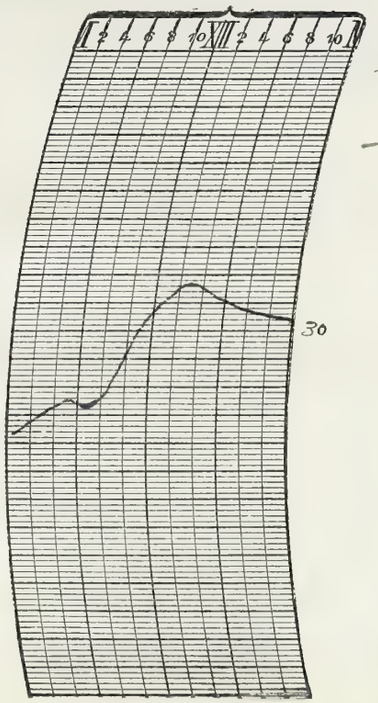
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 7 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, First Quarter
Average daily cloudiness (0-10) 0
Actual sunshine, hours, 10.6
Possible sunshine, hours, 10.6
Percentage of possible sunshine, 100
Prevailing direction SW
Total movement, 311
Average hourly velocity, 13.0

Maximum velocity,	Direction,	Time.
20	SW	3.15 p.m.

Extreme velocity, 21
Relative humidity, 76 a. m. 76 p. m.
Reduced barometer, 30.10 a. m. 30.00 p. m.
River gage, 3.6 ft.







NOTES.

Streets and walks nearly free from snow and ice.

Prepared by
Verified by } J. H. F. C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) FEB 15 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	32	31	32	33	33	32	34	36	39	42	43	45	46	47	48	45	44	41	40	39	35	32	32
State of weather: Nature of precipitation and time of beginning and ending																			RIB 6.30			SE 9.30 SIB 9.30		SE DN
State of weather: Amounts of precipitation																			T	T	T	T		
State of weather: Cloudiness and other conditions										Pt Cloudy			*		Cloudy								
Sunrise: Time, 6.35 Character, Cloudy																								
Sunset: Time, 5.15 Character, Cloudy																								
Sunshine (in tenths of hours)							0	0	0	0.2	0.8	1.0	0.8	0.7	0.2	0.3	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	SW	SW	SW	SW	SW	SW	W	W	W	W	W	NW	NW	NW
Wind movement	11	13	14	14	14	12	14	14	13	15	17	18	20	18	15	13	11	8	10	10	9	11	11	10
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

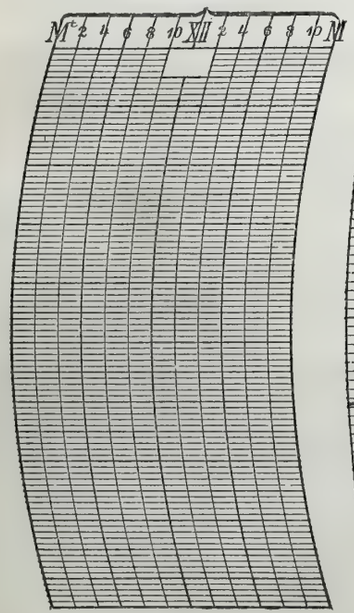
	Maximum.	Minimum.	Mean.	Normal.
	48	31	40	

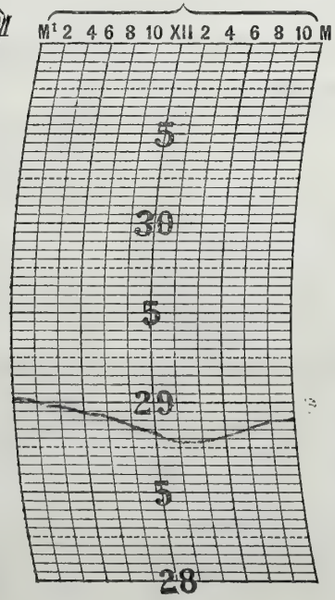
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10) 7
Actual sunshine, hours, 4.0
Possible sunshine, hours, 10.7
Percentage of possible sunshine, 37
Prevailing direction SW
Total movement, 314
Average hourly velocity, 13.1

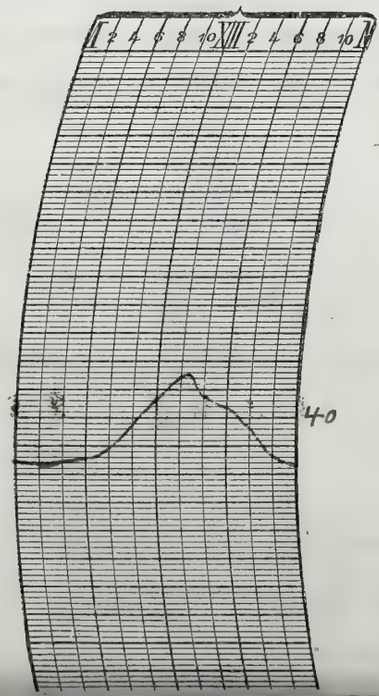
Maximum velocity,	Direction,	Time.
23	SW	11.35 a.m.

Extreme velocity, 23

Relative humidity, 79 a. m. 98 p. m.
Reduced barometer, 29.88 a. m. 29.80 p. m.
River gage, 3.4 ft.







NOTES.

Streets and walks nearly free from snow and ice.

Prepared by
Verified by } H.P.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) FEB 16 1913, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	31	31	29	27	26	26	26	26	26	26	27	28	28	28	28	28	29	29	29	30	30	30	31	31
State of weather: Nature of precipitation and time of beginning and ending																					SB 8.10			SE DN
State of weather: Amounts of precipitation																								
State of weather: Cloudiness and other conditions								Cloudy						Cloudy										
Sunrise: Time, 6.34 Character, Cloudy																					Sunset: Time, 5.16 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0	0						
Wind direction	NW	NW	NW	N	NW	N	NW	N	N	NW	NW	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	8	8	9	9	10	7	7	6	6	5	4	6	9	9	10	10	11	11	8	11	11	11	10	9
Maximum velocities (exceeding 24 miles) direction and time 1																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

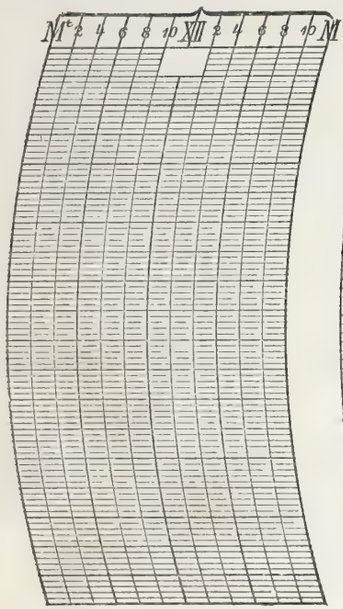
1 hours slower than 75th meridian time.

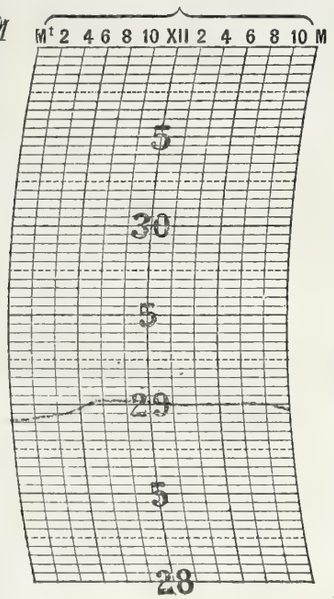
	Maximum.	Minimum.	Mean.	Normal.
	32	26	29	

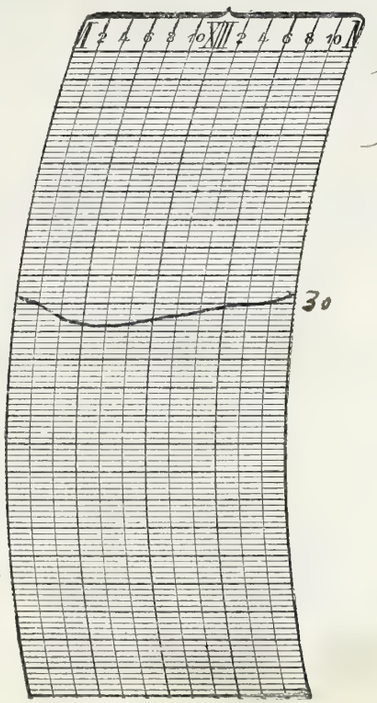
Total depth of snow for 24 hours ending 7 p. m., 11 inches.
Snow on ground 7 p. m., 11 inches.
Total snowfall, midnight to midnight, 0.8 inches.
Precipitation to 7 a. m., 1 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .08 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10) 10
Actual sunshine, hours, 0
Possible sunshine, hours, 10.7
Percentage of possible sunshine, 0
Prevailing direction SW
Total movement, 205
Average hourly velocity, 8.5

Maximum velocity,	Direction,	Time.
15	SW	5.25 p.

Extreme velocity, 16
Relative humidity, 88 a. m. 88 p. m.
Reduced barometer, 29.96 a. m. 29.95 p. m.
River gage, 3.4 ft.







NOTES.

Streets and walks nearly free from snow and ice

Prepared by
Verified by } J.H.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) FEB 17 1913, 191

Time (local standard), 90 mer.

	A.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	32	33	34	35	36	35	32	32	30 32	32	32	32	34	36	36	37	36	35	34	32	31	31	30	30
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Cloudy		→ Clear				— Clear											
Sunrise: Time, Character	6.33 Cloudy																				Sunset: Time, Character			
Sunshine (in tenths of hours)							0	0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7 0.3	.30 0			5.18 Clear			
Wind direction	SW	SW	SW	W	W	NW	NW	NW	NW	NW	NW	NW	N	NW	NW	NW	NW	N	N	NE	E	E	E	SE
Wind movement	7	9	8	10	9	10	14	14	12	13	11	9	8	7	6	6	4	3	3	5	4	5	5	5
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

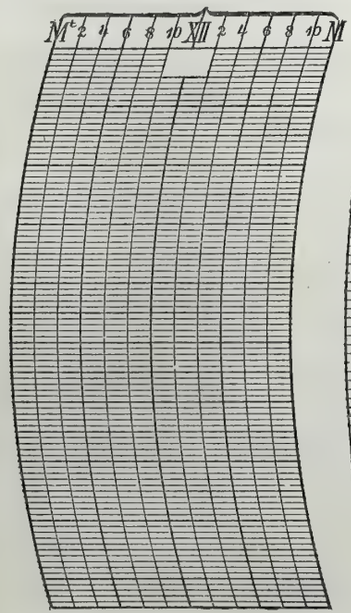
Maximum.	Minimum.	Mean.	Normal.
37	30	34	

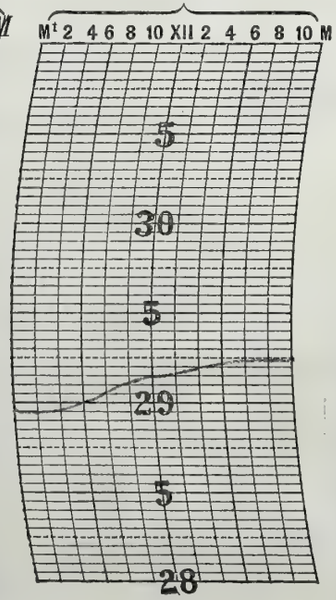
Total depth of snow for 24 hours ending 7 p. m., 0.8 inches.
Snow on ground 7 p. m., 7 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .08 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10) 3
Actual sunshine, hours, 8.5
Possible sunshine, hours, 10.8
Percentage of possible sunshine, 79
Prevailing direction NW
Total movement, 187
Average hourly velocity, 7.8

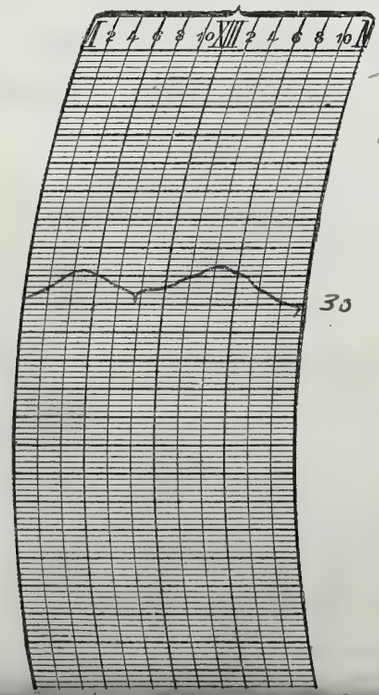
Maximum velocity,	Direction,	Time.
21	NW	6.42 a.m.

Extreme velocity, 21

Relative humidity, 85 a. m. 76 p. m.
Reduced barometer, 30.00 a. m. 30.16 p. m.
River gage, 3.4 ft.







NOTES.

Streets and walks nearly free from snow and ice.

Prepared by
Verified by J.H.T.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) FEB 18 1913, 191

Time (local standard), 90 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	29	28	28	28	28	28	29	32	34	37	42	44	47	49	49	48	46	44	45	44	45	45	44
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions									Pt Cloudy				Clear											
Sunrise: Time, Character,	6.31 Cloudy																				Sunset: Time, Character,			
Sunshine (in tenths of hours)							0	0	0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.9 0.1	3.2 0						
Wind direction	SE	ESE	E	E	E	SE	E	E	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
Wind movement	5	5	5	4	6	6	5	7	9	11	11	11	14	12	12	8	7	6	5	7	6	10	7	6

Maximum velocities (exceeding 29 miles) direction and time: 29 1

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

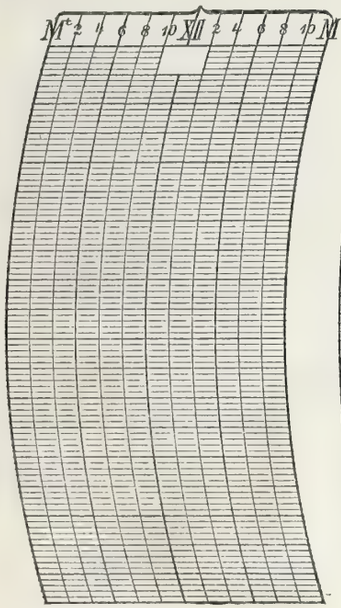
1 hours slower than 75th meridian time.

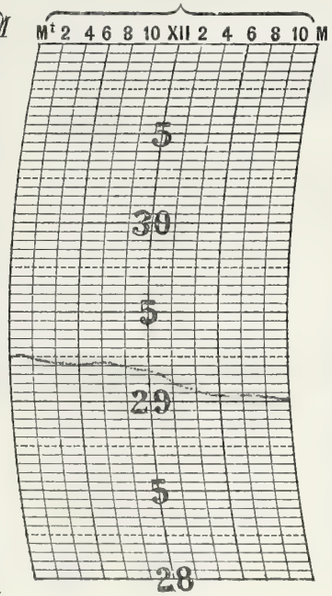
Maximum.	Minimum.	Mean.	Normal.
49	28	38	

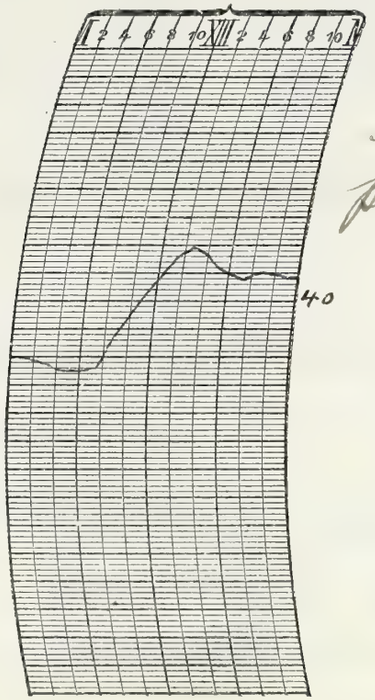
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear. Moon phase,
Average daily cloudiness (0-10) 3
Actual sunshine, hours, 8.2
Possible sunshine, hours, 10.8
Percentage of possible sunshine, 76
Prevailing direction SE.
Total movement, 185
Average hourly velocity, 7.7

Maximum velocity,	Direction,	Time.
16	SE	1.35 p.m.

Extreme velocity, 17
Relative humidity, 77 a. m. 82 p. m.
Reduced barometer, 30.16 a. m. 29.98 p. m.
River gage, 3.6 ft







NOTES.

Streets and walks free from snow and ice except in some protected shady places

Prepared by
Verified by } J.H.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) FEB ~~30~~ 19 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	44	43	43	43	44	44	44	45	48	51	56	58	60	62	64	62	58	56	53	52	51	49	47	47
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Pt Cloudy					Pt Cloudy											
Sunrise: Time, Character	6.30 Cloudy																				Sunset: 5.20 Cloudy			
Sunshine (in tenths of hours)							0	0.1	0.4	0.5	1.0	1.0	1.0	1.0	1.0	0.4	0	0						
Wind direction	S	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	SW	S	S	S	S
Wind movement	7	7	8	9	13	12	13	12	14	15	16	18	19	18	20	15	12	13	12	8	8	9	9	11
Maximum velocities (exceeding 29 miles) direction and time																								

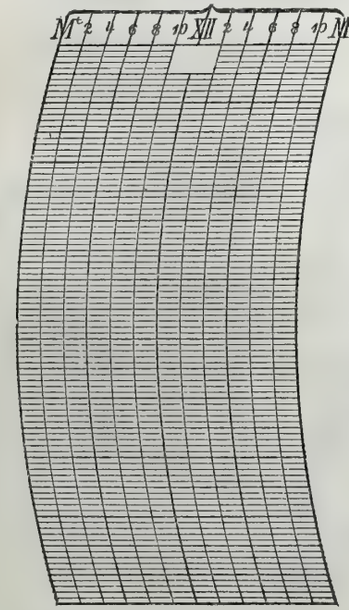
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

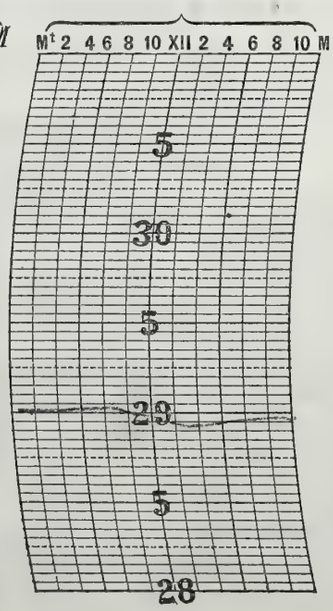
	Maximum.	Minimum.	Mean.	Normal.
	64	43	54	

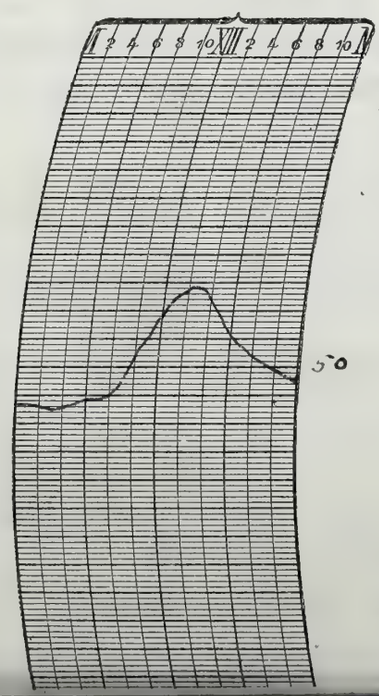
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0–10) 6
Actual sunshine, hours, 6.4
Possible sunshine, hours, 10.8
Percentage of possible sunshine, 59
Prevailing direction S
Total movement, 297
Average hourly velocity, 12.4

Maximum velocity,	Direction,	Time.
23	SW	2.15 p. m.

Extreme velocity, 23
Relative humidity, 71 a. m. 80 p. m.
Reduced barometer, 29.94 a. m. 29.88 p. m.
River gage, 3.6







NOTES.

Streets and walks free from snow and ice

Prepared by J. T. T.
Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) FEB 20 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	48	46	45	45	45	45	44	43	42	43	44	43	42	42	40	38	37	36	36	36	36	35	35
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Cloudy						Cloudy										
Sunrise: Time, 6.29 Character, Cloudy																					Sunset: Time, 5.21 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0	0						
Wind direction	SW	SW	SW	SW	S	SW	SW	SW	SW	W	NW	NW	NW	NW	NW	NW	N	N	N	N	NE	NE	NE	NE
Wind movement	13	14	10	9	10	9	9	10	10	9	7	7	8	10	10	9	9	10	10	10	10	12	11	12
Maximum velocities (exceeding 29 miles) direction and time																								

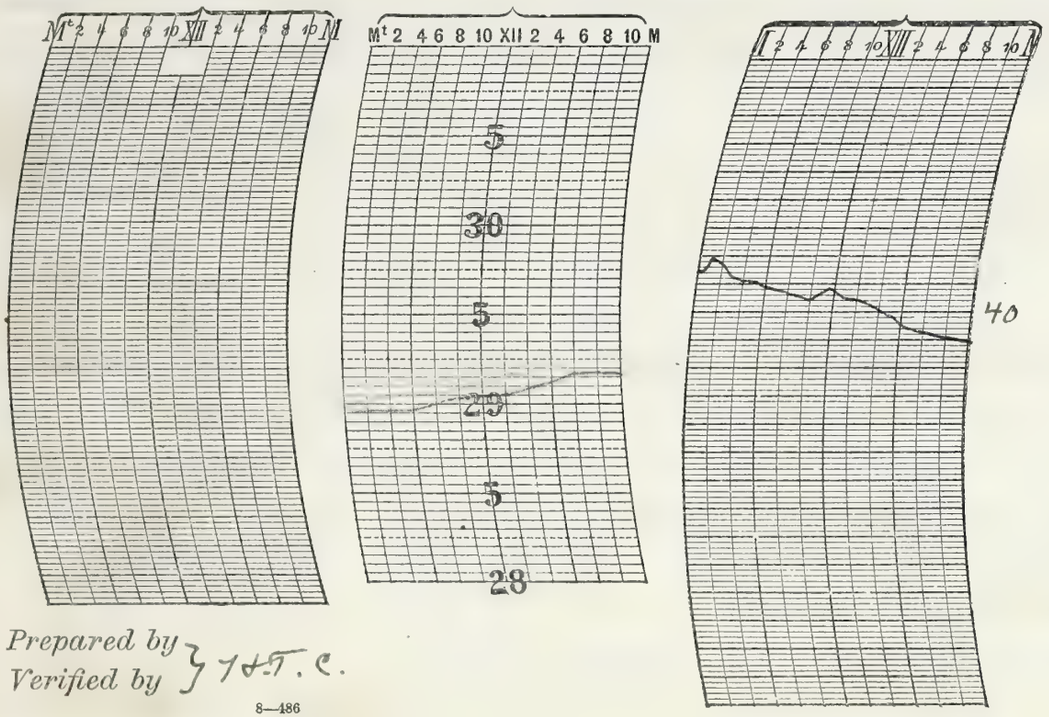
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	50	35	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase, Full Moon
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0
Possible sunshine, hours, 10.9
Percentage of possible sunshine, 0
Prevailing direction, S.W.
Total movement, 238
Average hourly velocity, 9.9
Maximum velocity, 17 Direction, S Time, 12.05 9. M.
Extreme velocity, 17
Relative humidity, 79 a. m. 86 p. m.
Reduced barometer, 29.93 a. m. 30.08 p. m.
River gage, 3.5 ft.

NOTES.



Prepared by
Verified by J. H. T. C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) FEB 21 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	35	35	34	34	32	31	30	30	30	30	31	32	32	32	32	32	32	32	32	32	32 RB 9.10	32	33
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																						T	.03	.03
Cloudiness and other conditions									Cloudy						Cloudy									
Sunrise: Time, Character,	6.27 Cloudy																				Sunset: Time, 5.22 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0	0						
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	NE	NE	NE	NE	E	NE	NE	NE	NE	E	E	E	E	E
Wind movement	14	15	15	16	15	16	16	18	18	21	19	17	19	19	17	17	19	18	18	17	15	15	10	8
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

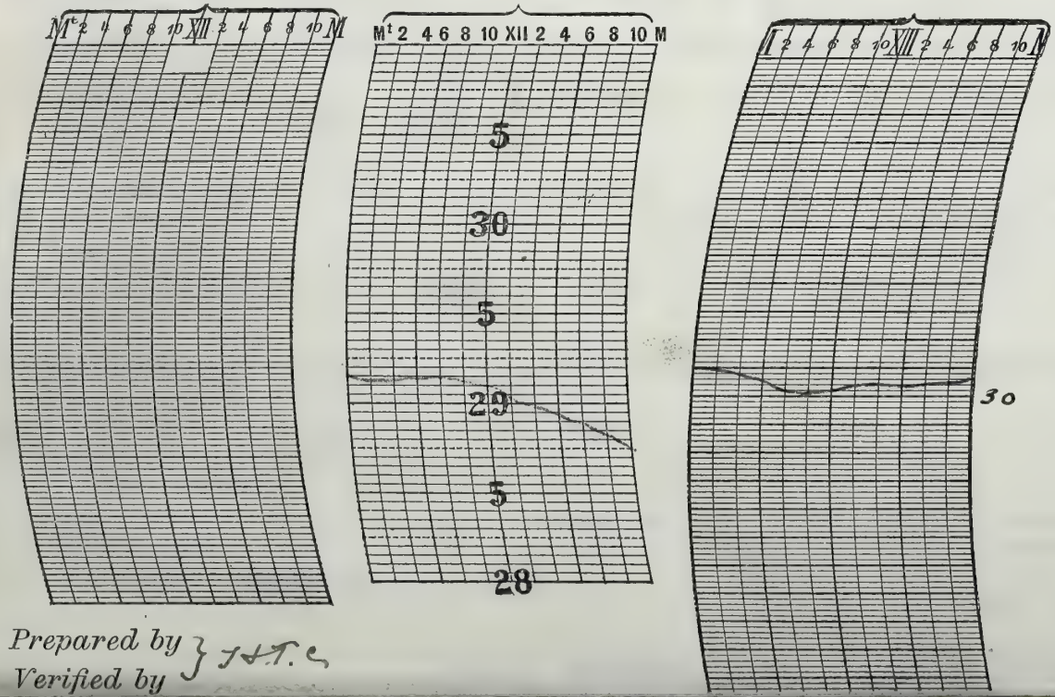
	Maximum.	Minimum.	Mean.	Normal.
	35	30	32	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .06 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 10
Actual sunshine, hours, 0
Possible sunshine, hours, 10.9
Percentage of possible sunshine, 0
Prevailing direction NE
Total movement, 392
Average hourly velocity, 16.3

Maximum velocity,	Direction,	Time.
25	NE	9.15 a.m.

Extreme velocity, 25
Relative humidity, 84 a. m. 85 p. m.
Reduced barometer, 30.09 a. m. 29.85 p. m.
River gage, 3.4 ft.

NOTES.



Prepared by } H.T.C.
Verified by }

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) FEB 22 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	34	34	36	42	39	34	35	35	34	34	32	32	31	30	28	28	27	25	22	24	24	22	22
							RE 6.30	SB 7.30										SE 6.00						
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation	.01	T	T	T	.01	T	.02																	
Cloudiness and other conditions									Cloudy					Cloudy										
Sunrise: Time, 6.26 Character, Cloudy																					Sunset: Time, 5.24 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0	0						
Wind direction	NE	E	E	E	SW	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W
Wind movement	6	6	4	5	11	20	31	23	23	18	21	29	29	31	29	33	36	24	30	29	25	28	23	24
Maximum velocities (exceeding 29 miles) direction and time												38 SW 11.25	36 SW 12.40	38 SW 1.30	33 SW 2.30	40 SW 3.28	42 SW 4.45	34 SW 5.15	34 SW 6.35	32 SW 7.05	30 SW 8.55	34 SW 9.50		

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

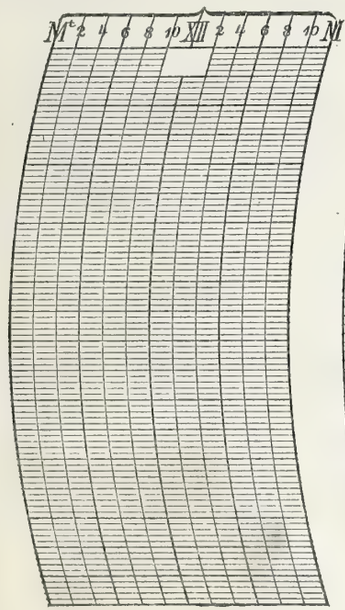
	Maximum.	Minimum.	Mean.	Normal.
	42	22	32	

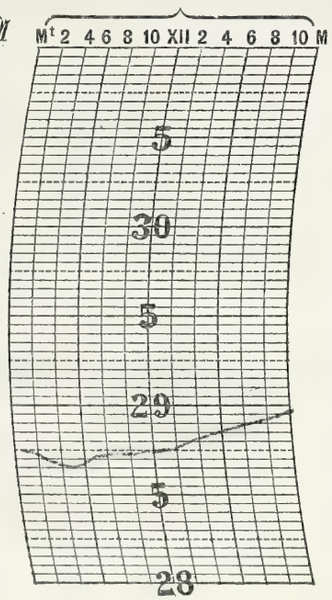
Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., .10 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .04 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0
Possible sunshine, hours, 11.0
Percentage of possible sunshine, 0
Prevailing direction, SW
Total movement, 533
Average hourly velocity, 21.3

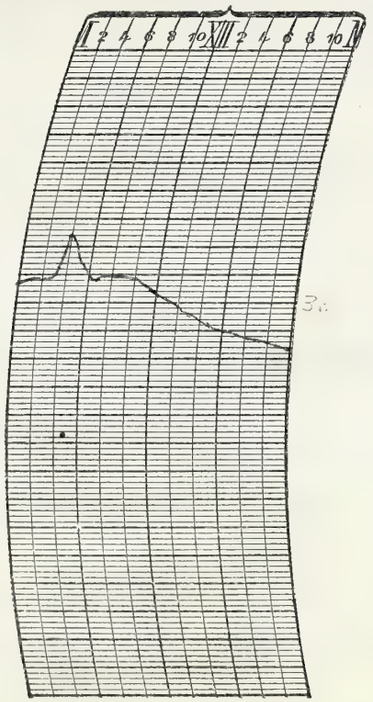
Maximum velocity,	Direction,	Time.
42	SW	4.45 p m.

Extreme velocity, 43

Relative humidity, 95 a. m. 94 p. m.
Reduced barometer, 29.66 a. m. 29.82 p. m.
River gage, 4.4 ft.







NOTES.

Light snow fell during the day.

Prepared by
Verified by J. H. T. C

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) FEB 23 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

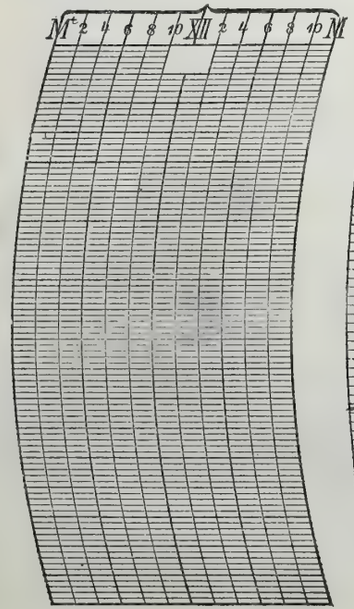
	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	21	20	20	20	19	19	19	19	19	18	19	20	21	22	23	23	23	22	22	22	22	21	20	20
State of weather: Nature of precipitation and time of beginning and ending				SB DN		SE DN				SB 9.00							SE 4.10							
Amounts of precipitation																								
Cloudiness and other conditions										Cloudy					Cloudy									
Sunrise: Time, Character	6.24 Cloudy																							
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0	0						
Sunset: Time, Character																					5.25 Cloudy			
Wind direction	W	W	SW	SW	W	W	W	W	W	W	W	W	W	NW	NW	NW	NW	NW	W	W	W	W	NW	NW
Wind movement	24	22	20	19	18	17	17	17	16	15	13	10	9	7	7	6	5	5	4	4	4	5	6	6
Maximum velocities (exceeding 29 miles) direction and time	30 W 12.05																							

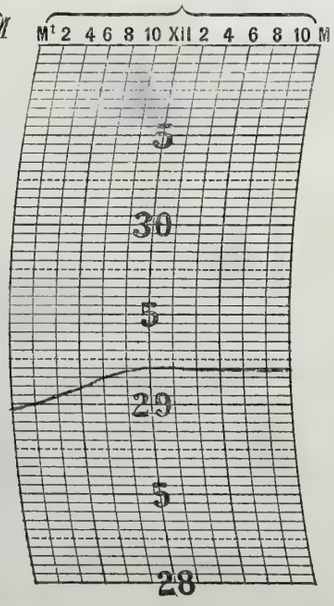
Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

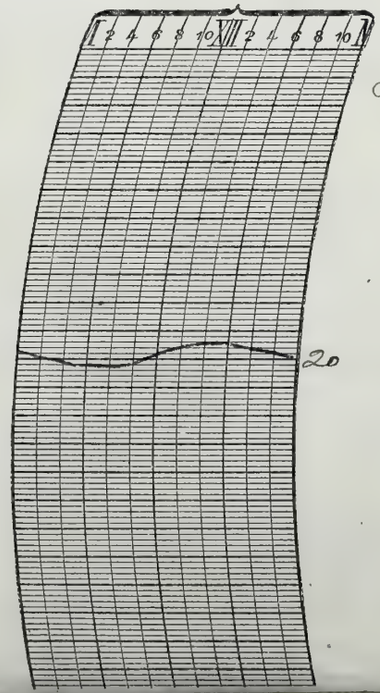
Excessive precipitation, accumulated amounts

Maximum. 23 | Minimum. 18 | Mean. 20 | Normal.

Total depth of snow for 24 hours ending 7 p. m., 0.1 inches.
Snow on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0.1 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 10
Actual sunshine, hours, 0
Possible sunshine, hours, 11.0
Percentage of possible sunshine, 0
Prevailing direction W
Total movement, 276
Average hourly velocity, 11.5
Maximum velocity, 30 Direction, W Time. 12.05a.m.
Extreme velocity, 30
Relative humidity, 82 a. m. 79 p. m.
Reduced barometer, 30.10 a. m. 30.16 p. m.
River gage, 4.2 ft.







NOTES.

Light Snow fell during the day

Prepared by C. HTE.
Verified by

FORM NO. 1014—M6U1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

FEB 24 1913

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) _____, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	19	19	19	19	19	19	19	19	18	17	19	22	22	22	24	24	22	24	22	22	20	18	17	18
					SB DN				SE 8,30				SB 12,30						SE 6,25					
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Cloudy							Cloudy										
Sunrise: Time, 6.23 Character, Cloudy																					Sunset: Time, 5.26 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0.4	0.2	0	0.1	0	0	0	0						
Wind direction	NE	NE	NE	NE	N	N	N	N	N	NE	N	N	NW	NW	NW	NW	W	SW	W	NW	NW	NW	NW	W
Wind movement	6	7	6	6	6	6	6	8	10	6	6	5	6	7	7	5	6	6	6	8	11	6	6	4
Maximum 24 velocities (exceeding ____ miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum. 24 Minimum. 17 Mean. 20 Normal.

Total depth of snow for 24 hours ending 7 p. m., .01 inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, .01 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Cloudy Moon phase, _____

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0.7

Possible sunshine, hours, 11.0

Percentage of possible sunshine, 6

Prevailing direction NW

Total movement, 156

Average hourly velocity, 6.5

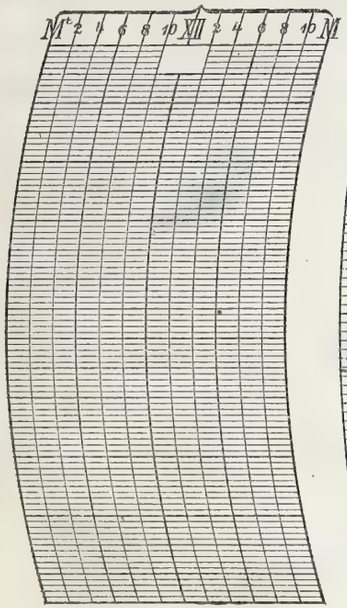
Maximum velocity, 13 Direction, NW Time. 7.40 p.m.

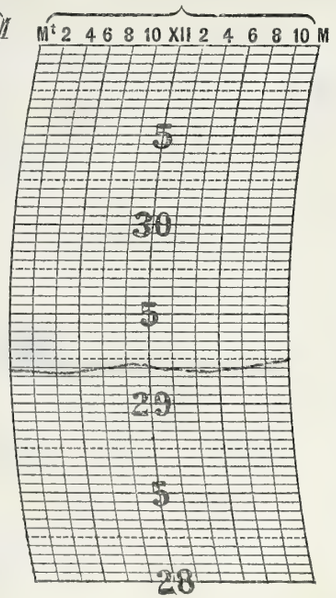
Extreme velocity, 13

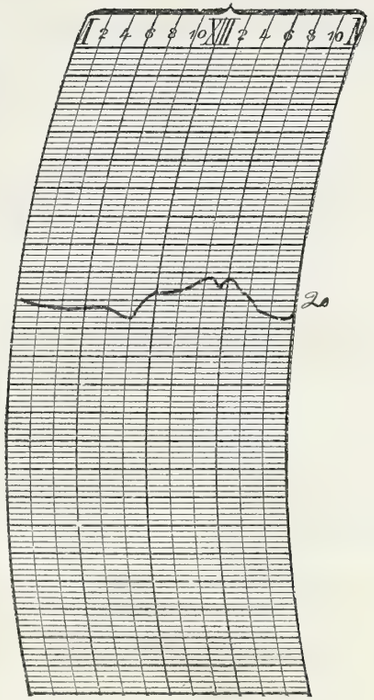
Relative humidity, 75 a. m. 79 p. m.

Reduced barometer, 30.13 a. m. 30.12 p. m.

River gage, +.2 ft.







NOTES.

Light snow fell during the day

Prepared by J.H.T.C

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

FEB 25 1913

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) ....., 191

Time (local standard), 90 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	18	17	16	16	17	16	16	17	18	20	23	26	28	29	31	30	30	30	29	29	29	28 S13 9.45	28	27
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions									Clear					clear		Cldy								
Sunrise: Time, 6.21 Character, Clear																					Sunset: Time, 5.27 Character, Cloudy			
Sunshine (in tenths of hours)							.65 0	1.0 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0	0						
Wind direction	W	SW	SW	SW	SW	SW	SW	SW	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SE	SE	SE	E	E	SE
Wind movement	3	5	7	6	6	5	6	6	9	10	9	7	10	8	8	8	6	4	4	4	6	6	7	6
Maximum 29 velocities (exceeding ..... miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

..... hours slower than 75th meridian time.

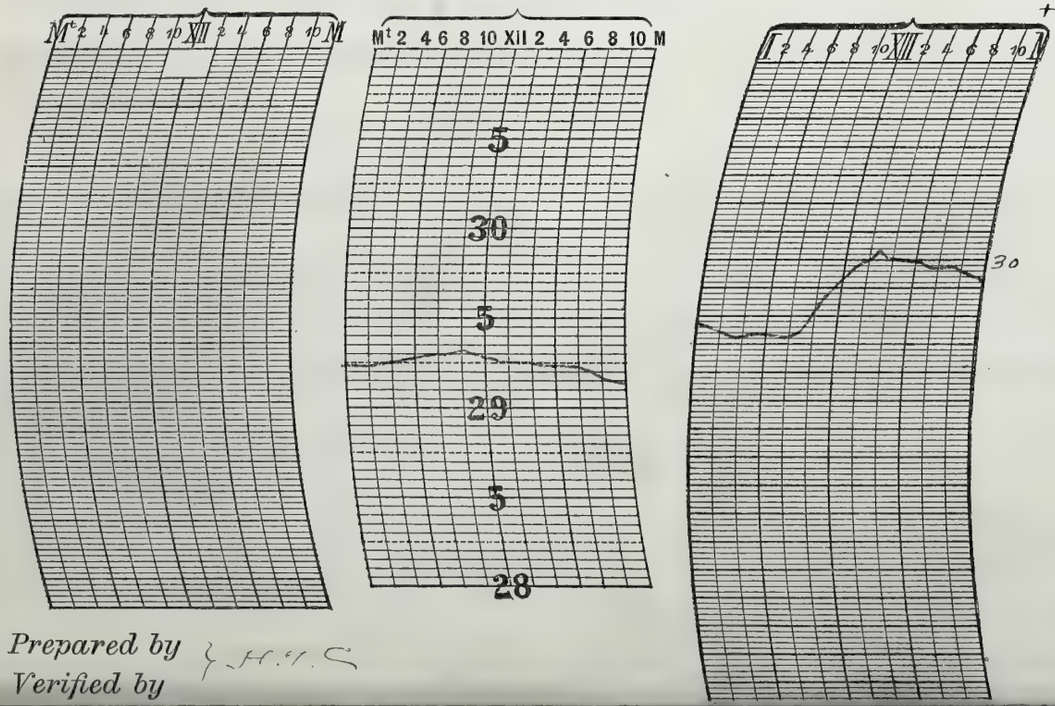
	Maximum.	Minimum.	Mean.	Normal.
	31	16	24	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0.5 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .05 inches.
Character of day, Clear Moon phase, ...
Average daily cloudiness (0-10) 2
Actual sunshine, hours, 9.0
Possible sunshine, hours, 11.1
Percentage of possible sunshine, 81
Prevailing direction SW
Total movement, 156
Average hourly velocity, 6.5

Maximum velocity,	Direction,	Time.
13	SW	10.20a m.

Extreme velocity, 13

Relative humidity, 73 a. m. 72 p. m.
Reduced barometer, 30.25 a. m. 30.18 p. m.
River gage, 4.1 ft.



NOTES.

Prepared by .....
Verified by .....

FORM NO. 1014—Met 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) FEB 26 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
	A. M.												P. M.											
Temperature at end of hour	28	28	28	29	29	30	32	34	34	34	36	38	36	35	34	34	34	34	34	34	34	34	34	33
State of weather: Nature of precipitation and time of beginning and ending										SE 9.20 RB 9.40													RE 10.30	
State of weather: Amounts of precipitation										T	T	T	.02	.04	.08	.07	.08	.01	.01	.01	.02	.02	.01	
State of weather: Cloudiness and other conditions							Cloudy						Cloudy											
Sunrise: Time 6.20, Character Cloudy																					Sunset: Time 5.28, Character Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0	0						
Wind direction	E	SE	SE	SE	SE	SE	S	S	S	S	S	S	SE	E	E	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	5	7	7	6	6	9	8	8	8	8	8	6	2	4	4	5	5	8	8	8	9	8	8	11
Maximum 29 velocities (exceeding 27 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

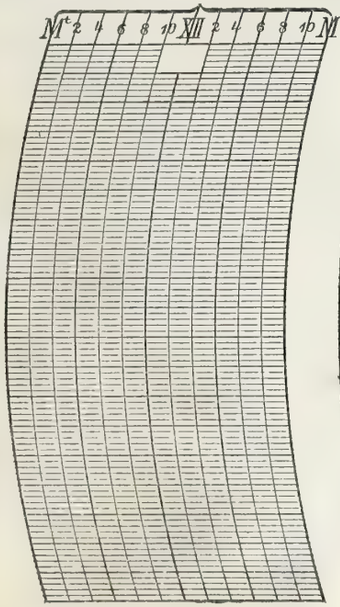
	Maximum.	Minimum.	Mean.	Normal.
	38	27	32	

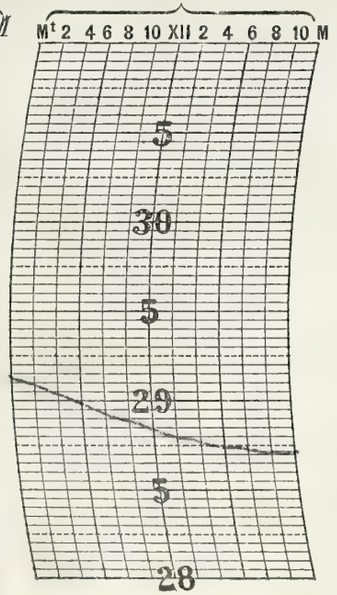
Total depth of snow for 24 hours ending 7 p. m., 2.0 inches.
Snow on ground 7 p. m., .04 inches.
Total snowfall, midnight to midnight, 1.5 inches.
Precipitation to 7 a. m., .20 ins.; to 7 p. m., .31 ins.
Total precipitation, midnight to midnight, .52 inches.
Character of day, Cloudy. Moon phase,
Average daily cloudiness (0-10) 10
Actual sunshine, hours, 0
Possible sunshine, hours, 11.1
Percentage of possible sunshine, 0
Prevailing direction NE
Total movement, 166
Average hourly velocity, 6.9

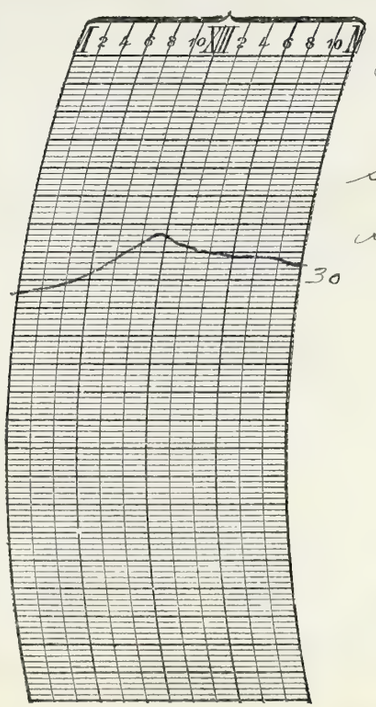
Maximum velocity,	Direction,	Time.
12	S.	10.05 A.M.

Extreme velocity, 12

Relative humidity, 95 a. m. 100 p. m.
Reduced barometer, 29.87 a. m. 29.69 p. m.
River gage, 3.8 ft.







NOTES.

Light Fog { B. 2.00 p.m. E 4.00 p.m.

Streets and walks slushy from melting snow and rain.

Prepared by H.T.C.
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) FEB 27 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	33	32	32	32	31	30	30	29	29	30	30	29	28	28	28	28	28	28	28	27	26	26	26
						SW 5.40					31		SE 1.00						SW 6.10			SE 10.00		
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Cloudy							Cloudy										
Sunrise: Time, Character,	6.19 Cloudy																				Sunset: Time, 5.29 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0	0						
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	N	N	N	NE	N	N	N	N	N	N	N
Wind movement	12	14	15	15	15	15	16	17	18	19	18	15	17	18	17	19	19	11	9	11	9	10	9	9
Maximum velocities (exceeding 29 miles) direction and time																								

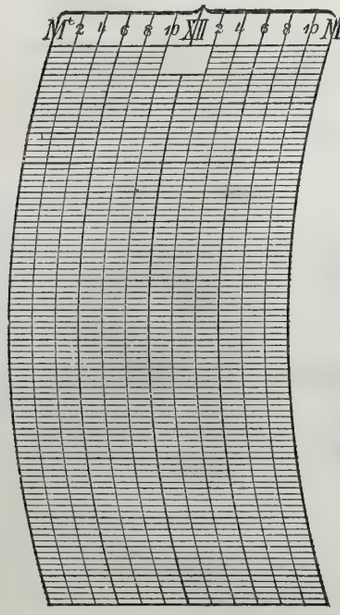
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

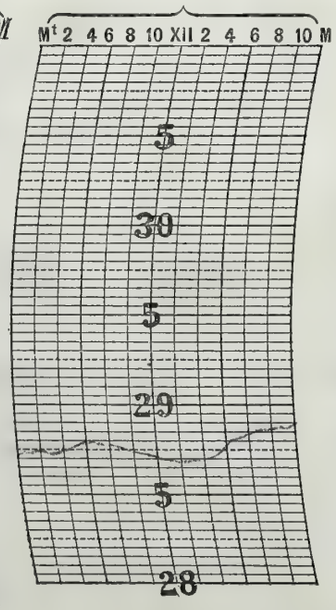
	Maximum.	Minimum.	Mean.	Normal.
	33	26	30	

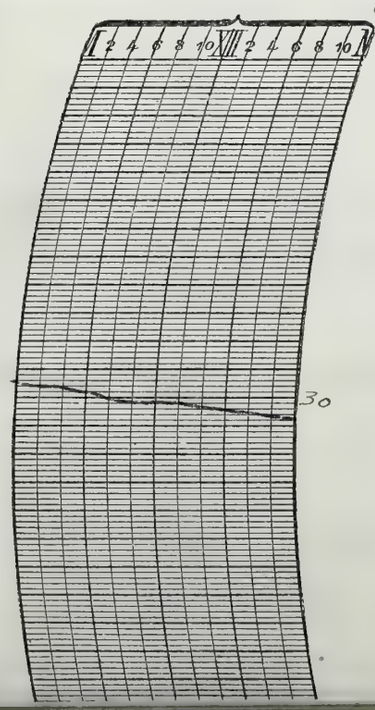
Total depth of snow for 24 hours ending 7 p. m., .04 inches.
Snow on ground 7 p. m., 0.4 inches.
Total snowfall, midnight to midnight, 0.5+ inches.
Precipitation to 7 a. m., .06 ins.; to 7 p. m., .04 ins.
Total precipitation, midnight to midnight, .05 inches.
Character of day, Cloudy Moon phase, Last Quarter
Average daily cloudiness (0-10) 10
Actual sunshine, hours, 0
Possible sunshine, hours, 11.2
Percentage of possible sunshine, 0
Prevailing direction NE
Total movement, 347
Average hourly velocity, 14.4

Maximum velocity,	Direction,	Time.
24	NE	9.35 a.m.

Extreme velocity, 24
Relative humidity, 89 a. m. 100 p. m.
Reduced barometer, 29.72 a. m. 29.74 p. m.
River gage, 4.2 ft.







Prepared by
Verified by

NOTES.

Estimated

Light snow fell during the day

Form No. 1014—Mo't.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) FEB 28 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	25	25	24	23	22	22 SB 5.20	22	22	23 SE 8.50	24	23	24	26	28	29	29	28	27	26	25 SB 7.15	24	24	23	23
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Cloudy			→	Clear		Clear			× Cloudy								
Sunrise: Time, Character	6.17 Cloudy																				Sunset: Time, Character	5.31 Cloudy		
Sunshine (in tenths of hours)							0	0	0	0	1.0	1.0	1.0	1.0	1.0	0.6	0	0						
Wind direction	N	N	N	N	N	N	N	N	N	N	NW	NW	NW	N	NW	NW	NW	NE	NE	NE	NE	NE	NE	NE
Wind movement	6	7	9	9	8	7	7	8	7	6	7	7	7	5	6	6	5	6	6	6	7	6	5	7
Maximum velocities (exceeding 24 miles) direction and time																								

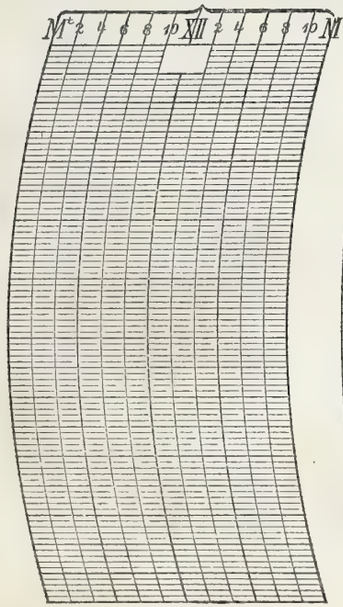
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

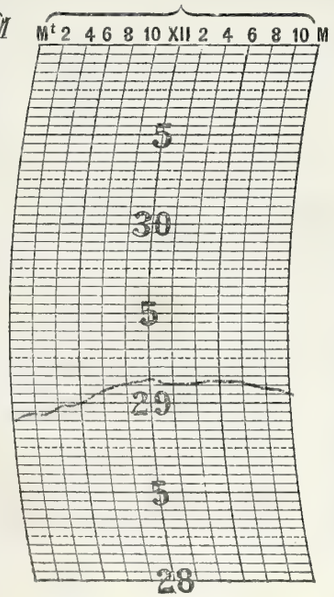
	Maximum.	Minimum.	Mean.	Normal.
	29	22	26	

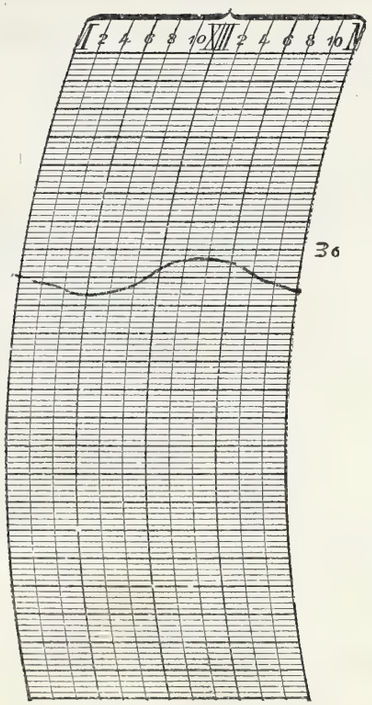
Total depth of snow for 24 hours ending 7 p. m., 0.5 inches.
Snow on ground 7 p. m., 0.2 inches.
Total snowfall, midnight to midnight, 1.9 inches.
Precipitation to 7 a. m., .14 ins.; to 7 p. m., .02 ins.
Total precipitation, midnight to midnight, .19 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0–10) 4
Actual sunshine, hours, 5.6
Possible sunshine, hours, 11.2
Percentage of possible sunshine, 50
Prevailing direction N
Total movement, 160
Average hourly velocity, 6.7

Maximum velocity,	Direction,	Time.
11	N	4.05 a.m.

Extreme velocity, 11
Relative humidity, 79 a. m. 82 p. m.
Reduced barometer, 30.00 a. m. 30.06 p. m.
River gage, 4.3 ft.







NOTES.

Streets and walks covered with snow.

Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAR 1 1913, 191

Time (local standard) 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	23	23	22	22	22	22	21	20 SE 7.45	21	23	25	28	29	30	30	29	28	26	23	25	24 SB 8.30	25	21	17 SE 11.10
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							cloudy	×	clear						clear									
Sunrise: Time, Character	6.25 Cloudy																				Sunset: Time 5.32, Character Clear			
Sunshine (in tenths of hours)							0	0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0						
Wind direction	NE	NE	NE	N	N	NW	NW	NW	NW	NW	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W
Wind movement	6	7	5	5	5	5	6	7	7	7	11	10	12	14	18	16	15	12	12	14	21	18	25	26
Maximum velocities (exceeding 29 miles) direction and time 1																							31 W 10.40	30 SW 11.65

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

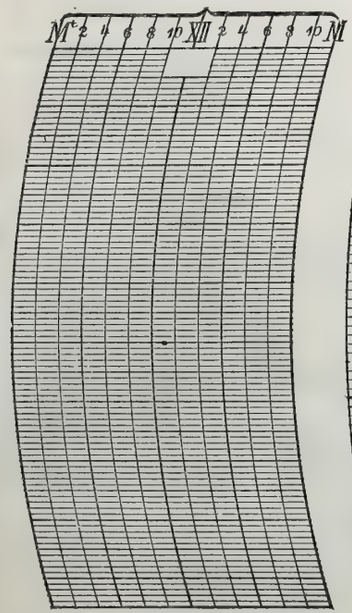
1 hours slower than 75th meridian time.

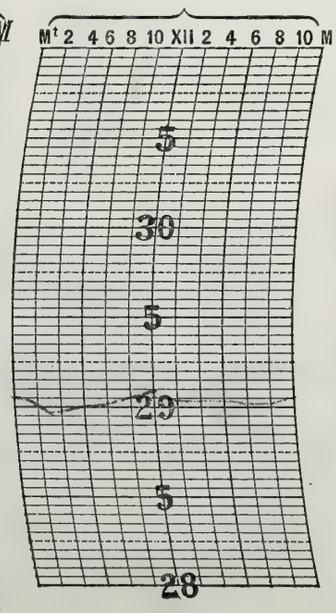
Maximum.	Minimum.	Mean.	Normal.
30	17	24	

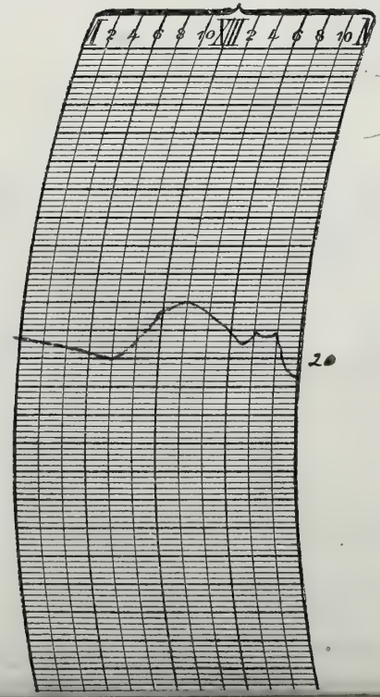
Total depth of snow for 24 hours ending 7 p. m., 2.2 inches.
Snow on ground 7 p. m., 2.2 inches.
Total snowfall, midnight to midnight, 0.9 inches.
Precipitation to 7 a. m., .18 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .07 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10)
Actual sunshine, hours, 9.5
Possible sunshine, hours, 11.3
Percentage of possible sunshine, 84
Prevailing direction SW
Total movement, 284
Average hourly velocity, 11.8

Maximum velocity,	Direction,	Time.
31	W	10.40 p.m.

Extreme velocity, 31
Relative humidity, 86 a. m. 73 p. m.
Reduced barometer, 29.76 a. m. 30.01 p. m.
River gage, 5.1 ft.







NOTES.

Streets and walks covered with snow and ice

Prepared by H.T.C.
Verified by

Form No. 1014—Met 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAR 2 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	16	12	10	8	3	0	0	0	0	1	3	5	8	10	12	13	13	12	12	13	12	13	14	16
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions										Clear				Clear										
Sunshine (in tenths of hours)							.77 0	1.0 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2 0.8	.55 0						
Wind direction	W	W	W	SW	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	24	24	25	30	23	25	24	24	23	24	23	19	23	23	24	22	21	16	16	15	17	17	19	21
Maximum velocities (exceeding 25 miles) direction and time				30 W 12.10	30 W 1.20	36 SW 2.20		31 SW 5.08		30 SW 7.04		31 SW 9.15												

Sunrise: Time, 6.14 Character, Clear

Sunset: Time, 5.33 Character, Clear

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
17	0	8	

Total depth of snow for 24 hours ending 7 p. m., 0.3 inche

Snow on ground 7 p. m., 24 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .03 ins.; to 7 p. m., .0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 0

Actual sunshine, hours, 13.3

Possible sunshine, hours, 11.3

Percentage of possible sunshine, 100

Prevailing direction SW

Total movement, 522

Average hourly velocity, 21.6

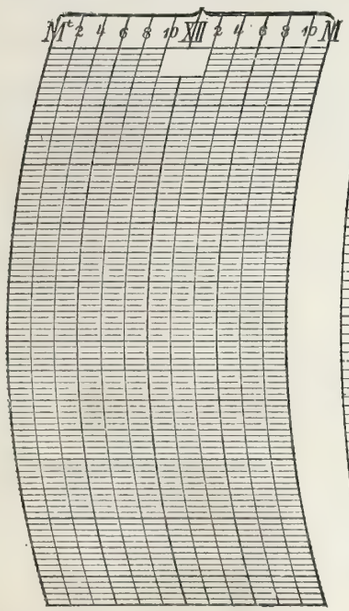
Maximum velocity,	Direction,	Time.
36	SW	3.15 p.m.

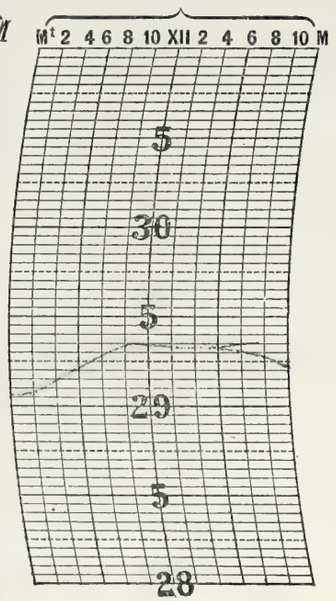
Extreme velocity, 36 39

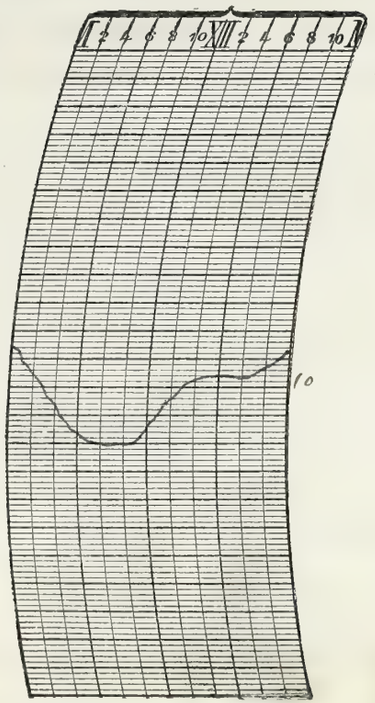
Relative humidity, 61 a. m. 56 p. m.

Reduced barometer, 30.24 a. m. 30.34 p. m.

River gage, 5.0 ft.







NOTES.

Streets and walks covered with snow and ice

Prepared by H.T.C.
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAR 3 1913, 191

Time (local standard), 90 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	19	19	20	22	24	25	25	27	31	35	38	40	41	42	43	43	42	41	40	40	40 RB 8.40	38	35	32
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																					T	.05	.01	.01
Cloudiness and other conditions										Clear			Clear				Cloudy							
Sunrise: Time, 6.12 Character, Clear																					Sunset: Time, 5.34 Character, Cloudy			
Sunshine (in tenths of hours)							.80 0	.06 .4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	SW	SW	SW	SW
Wind movement	22	22	21	21	23	19	17	18	22	23	21	23	21	22	18	13	11	4	4	4	9	11	5	5
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

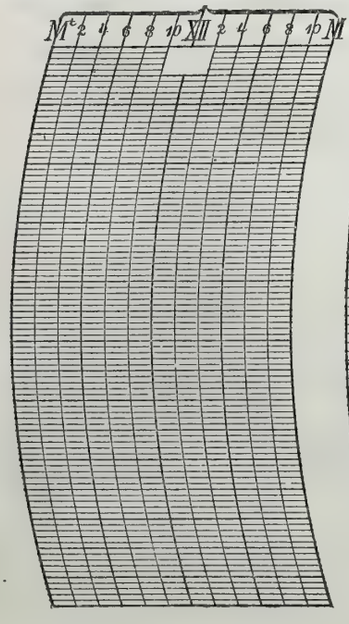
1 hours slower than 75th meridian time.

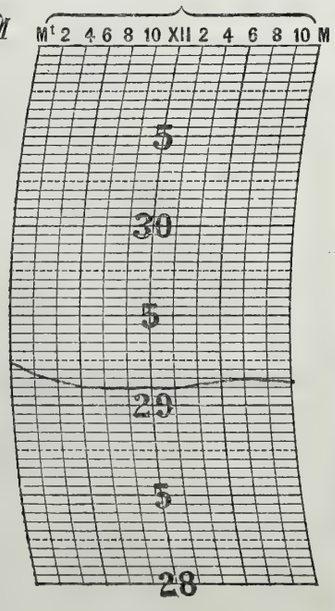
Maximum.	Minimum.	Mean.	Normal.
43	16	30	

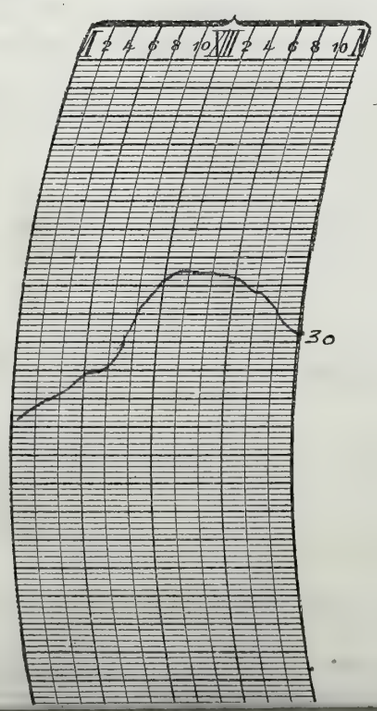
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .07 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 2
Actual sunshine, hours, 9.3
Possible sunshine, hours, 11.4
Percentage of possible sunshine, 82
Prevailing direction SW
Total movement, 379
Average hourly velocity, 15.8

Maximum velocity,	Direction,	Time.
28	SW	4.25 a.m.

Extreme velocity, 28
Relative humidity, 69 a. m. 72 p. m.
Reduced barometer, 30.07 a. m. 30.10 p. m.
River gage, 4 aft.







Prepared by
Verified by JHTC

NOTES.

Streets and walks nearly free from snow and ice.

FORM NO. 1012—MOD 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAR 4 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	32	33	34	32 SB DN	30 RE DN	25	22	21	21	22	25	26	24	25 SE 2.40	26	23	24	20	19	18	17	16	16
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation	.02	.05	.04	.03	.02	.01																		
Cloudiness and other conditions							— Cloudy —						— Cloudy × Clear —											
Sunrise: Time, Character,	6.10 Cloudy																				Sunset: Time, Character, 5.35 Clear			
Sunshine (in tenths of hours)							0	0	0	0	0.1	0.6	1.0	0.6	0.4	0	0.3 .58	0						
Wind direction	SW	SW	SW	SW	NW	NE†	NE†	NE	NE	N	N	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	W	SW
Wind movement	5	6	4	3	3	6	8	11	11	10	10	8	8	12	11	11	11	9	8	8	6	5	5	6
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

†Estimated, ammometer incrusted in ice.

	Maximum.	Minimum.	Mean.	Normal.
	34	16	25	

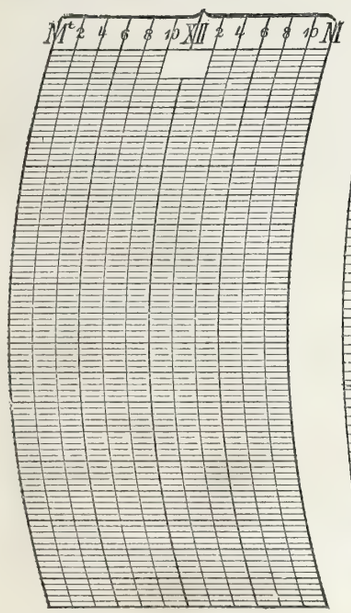
Total depth of snow for 24 hours ending 7 p. m., 1.6 ins
Snow on ground 7 p. m., 1.5 inches.
Total snowfall, midnight to midnight, 1.6 inches.
Precipitation to 7 a. m., .36 ins.; to 7 p. m., .04 in
Total precipitation, midnight to midnight, .33 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 8
Actual sunshine, hours, 4.0
Possible sunshine, hours, 11.4
Percentage of possible sunshine, 35
Prevailing direction NW
Total movement, 185
Average hourly velocity, 7.7

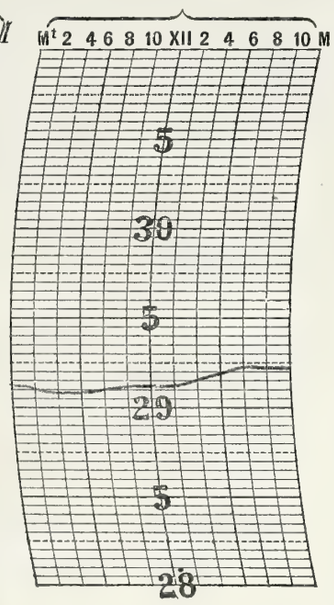
Maximum velocity,	Direction,	Time.
15	NW	1.10 pm

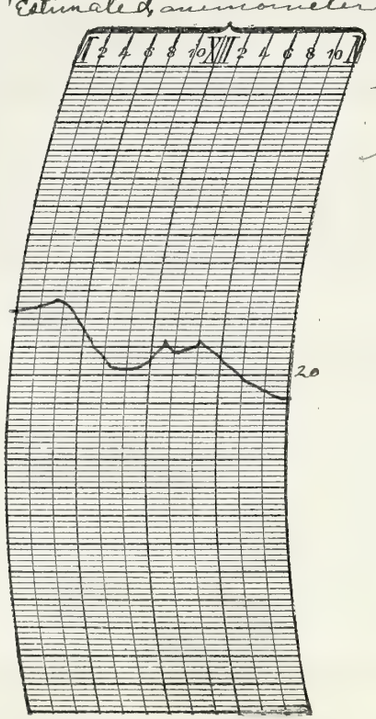
Extreme velocity, 15

	a. m.	p. m.
Relative humidity,	87	56
Reduced barometer,	30.05	30.17

River gage, 4.8 ft.







Prepared by J. H. T.
Verified by

8—486

NOTES.

Streets and walks in many places covered with snow and ice

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAR 5 1913, 191

Time (local standard), 90 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	14	14	13	12	13	15	17	18	20	23	25	29	32	34	36	37	36 SIB 4.40	34	32	32	32	30	27	24 SE DN
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear						Clear			Cloudy								
Sunrise: Time, 6.09 Character, Clear																					Sunset: Time, 5.36 Character, Cloudy			
Sunshine (in tenths of hours)							0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0	0						
Wind direction	SW	SW	SW	SW	S	S	S	SW	SW	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	NW	NW	NW
Wind movement	8	6	6	6	7	7	10	11	16	16	17	19	20	19	18	18	16	18	14	16	16	20	21	19
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

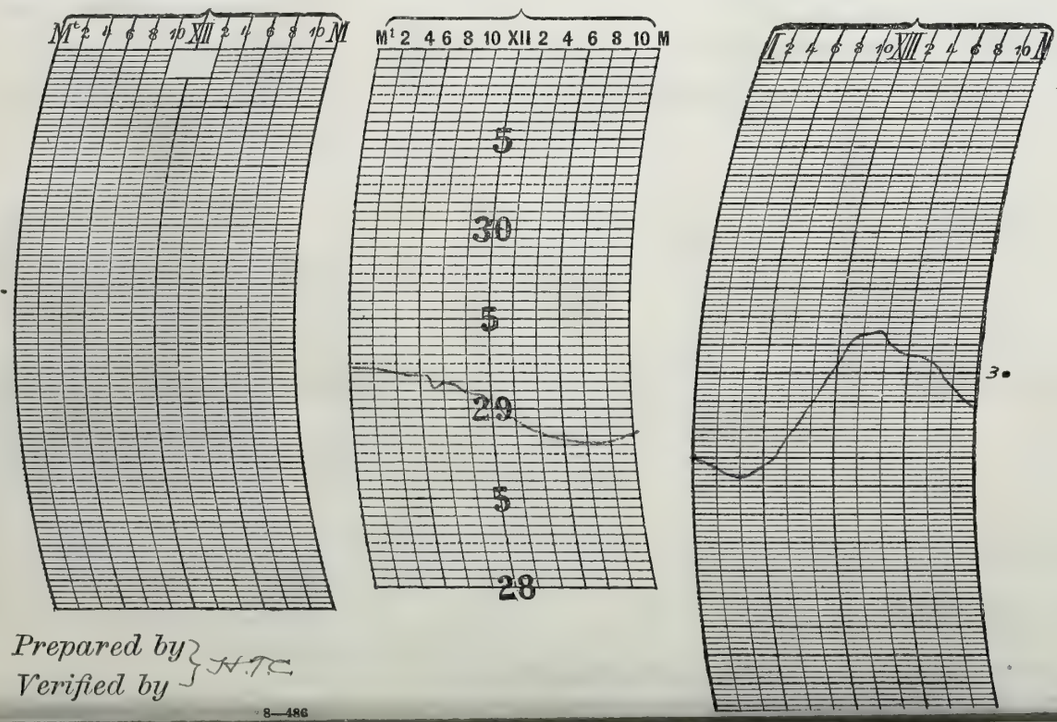
Maximum.	Minimum.	Mean.	Normal.
37	12.	24	

Total depth of snow for 24 hours ending 7 p. m., 0.8 inches.
Snow on ground 7 p. m., 2.4 inches.
Total snowfall, midnight to midnight, 1.6 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .08 ins.
Total precipitation, midnight to midnight, .16 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10) 2.
Actual sunshine, hours, 9.0
Possible sunshine, hours, 11.4
Percentage of possible sunshine, 79
Prevailing direction SW
Total movement, 344
Average hourly velocity, 14.3

Maximum velocity,	Direction,	Time.
27	NW	11.02 p.m.

Extreme velocity, 27

Relative humidity, 64 a. m. 100 p. m.
Reduced barometer, 30.08 a. m. 29.76 p. m.
River gage, 42 ft.



NOTES.

Streets and walks covered with snow and ice

Prepared by
Verified by } H.T.C.

8—486

FORM NO. 1014—Mar 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAR 6 1913, 191

Time (local standard), 90 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	23	21	19	16	16	15	13	13	13	13	12	13	13	13	14	13	12	11	10	9	8	8	7	7
State of weather: Nature of precipitation and time of beginning and ending										SB 9.10			SE 12.40											
Amounts of precipitation																								
Cloudiness and other conditions									Pt Cloudy					Pt Cloudy										
Sunrise: Time, Character	6.07 Cloudy																							
Sunset: Time, Character																					5.37 Cloudy			
Sunshine (in tenths of hours)							0	0.3	1.0	1.0	1.0	1.0	1.0	0.8	1.0	0.3	0	0						
Wind direction	NW	NW	NW	NW	NW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	W	SW	SW	SW
Wind movement	17	16	14	10	14	13	12	15	19	19	21	21	21	20	20	17	17	14	15	14	12	12	10	9
Maximum velocities (exceeding 25 miles) direction and time	1																							

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

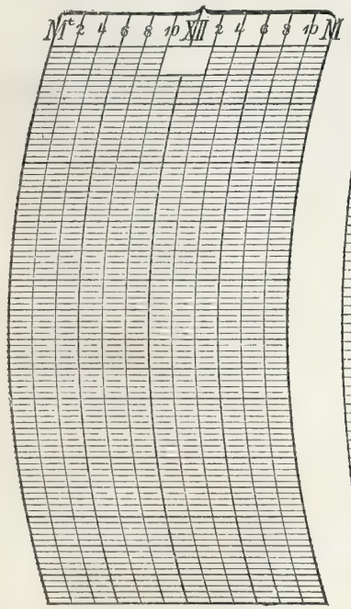
1 hours slower than 75th meridian time.

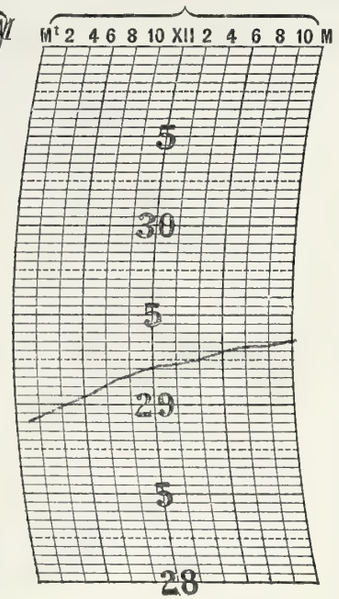
Maximum.	Minimum.	Mean.	Normal.
24	7	16	

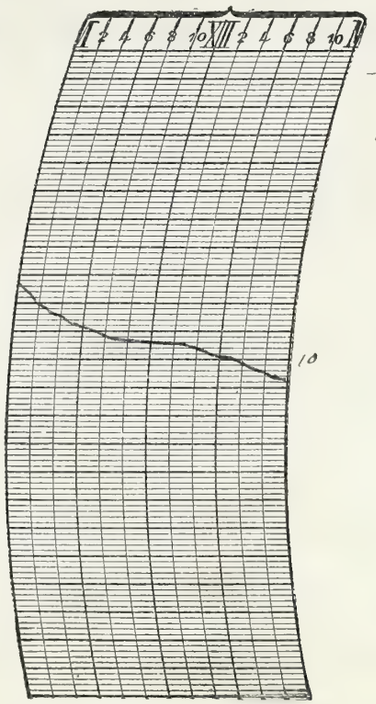
Total depth of snow for 24 hours ending 7 p. m., 0.8 inches.
Snow on ground 7 p. m., 3.2 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., .08 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0–10) 6
Actual sunshine, hours, 7.4
Possible sunshine, hours, 11.5
Percentage of possible sunshine, 64
Prevailing direction W
Total movement, 378
Average hourly velocity, 15.8

Maximum velocity,	Direction,	Time.
25	W	11.15 a.m.

Extreme velocity, 25
Relative humidity, 77 a. m. 53 p. m.
Reduced barometer, 30.06 a. m. 30.29 p. m.
River gage, 5.2 ft.







NOTES.

Streets and walks covered with snow and ice

Prepared by J.H.T.
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAR 7 1913, 191

Time (local standard), 90 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	7	5	5	4	4	4	5	7	12	15	18	21	22	23	23	24	24	23 SB 310	22	22	23	24	25 SE DN	25
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							—	—	—	Clear			Clear			Clear × Cloudy								
Sunrise: Time, 6.06 Character, Clear																					Sunset: Time, 5.39 Character, Cloudy			
Sunshine (in tenths of hours)							.90 0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	SE	SE	SE	SE	S	S
Wind movement	9	10	10	8	9	7	8	8	9	9	9	7	11	11	11	10	11	7	6	7	6	6	11	11
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

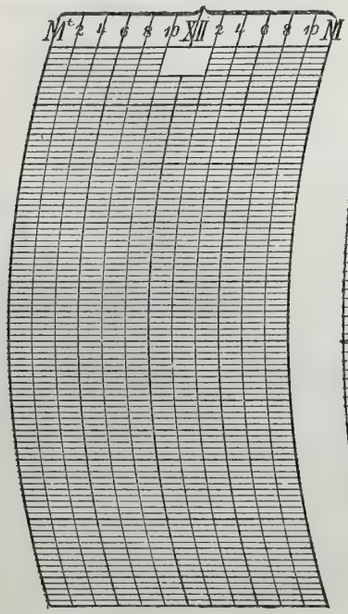
	Maximum.	Minimum.	Mean.	Normal.
	25	4	14	

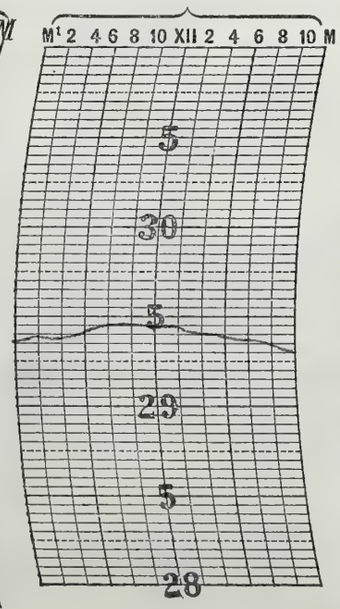
Total depth of snow for 24 hours ending 7 p. m., 7 inches.
Snow on ground 7 p. m. 30 inches.
Total snowfall, midnight to midnight, 0.8 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 7 ins.
Total precipitation, midnight to midnight, .08 inches.
Character of day, Clear Moon phase New Moon
Average daily cloudiness (0-10) 3
Actual sunshine, hours, 8.1
Possible sunshine, hours, 11.6
Percentage of possible sunshine, 75
Prevailing direction SW
Total movement, 211
Average hourly velocity, 8.8

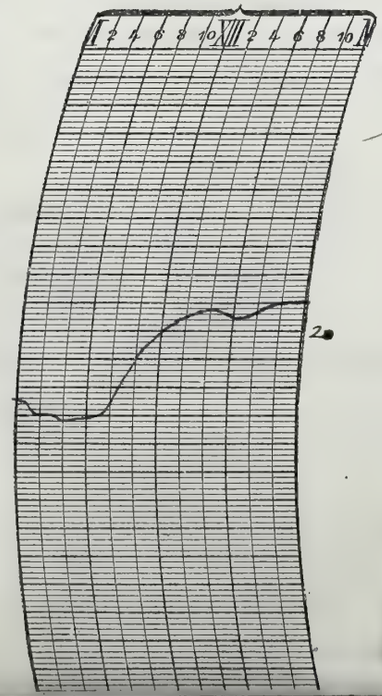
Maximum velocity,	Direction,	Time.
15	S	10.55 p.m

Extreme velocity, 15

Relative humidity, 69 a. m. 100 p. m.
Reduced barometer, 30.42 a. m. 30.35 p. m.
River gage, 4.6 ft







NOTES.

Streets and walks covered with snow and ice

Prepared by
Verified by } J.H.C

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAR 8 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

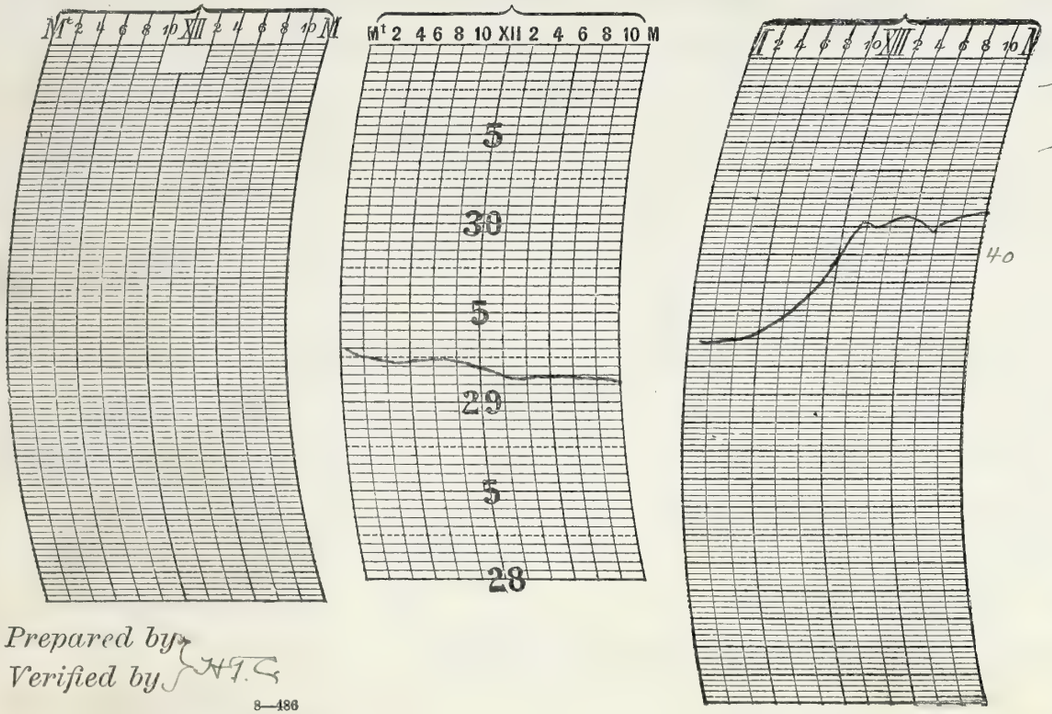
	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	24	25	25	26	27	28	30	32	35	37	40	43	46	46	47	46	45	44	46	46	46	47	48
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Pt Cloudy						Pt Cloudy										
Sunrise: Time, Character,	6.04 Cloudy																				Sunset: Time, 5.40 Character, Clear			
Sunshine (in tenths of hours)							0	0	0.6	1.0	1.0	1.0	1.0	0.9	0.1	1.0	0.4 0.6	6.7 0						
Wind direction	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	10	9	11	10	10	12	9	11	13	14	13	13	15	14	13	12	10	9	10	10	14	16	20	21
Maximum velocities (exceeding 24 miles) direction and time 7																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum, Minimum, Mean, Normal.
48 24 36

Total depth of snow for 24 hours ending 7 p. m., 0.8 inches
Snow on ground 7 p. m., 0.4 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0.8 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10) 7
Actual sunshine, hours, 8.3
Possible sunshine, hours, 11.6
Percentage of possible sunshine, 72
Prevailing direction SW
Total movement, 249
Average hourly velocity, 12.5

Maximum velocity, 24 Direction, SW Time, 11.55 p.m.
Extreme velocity, 24
Relative humidity, 82 a. m. 74 p. m.
Reduced barometer, 30.[illegible] a. m. 30.03 p. m.
River gage, 4.8 ft.



NOTES.

Streets and walks nearly free from snow and ice

Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAR 9 1913, 191

Time (local standard), 90 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	47	46	45	44	42	44	46	47	48	50	50	49	48	45	45	40	38	33	32	33	32	32	31
State of weather: Nature of precipitation and time of beginning and ending									TRB 8.05 RE 8.40															
Amounts of precipitation									TT															
Cloudiness and other conditions							Pt Cloudy						Pt cloudy											
Sunrise: Time, 6.02 Character, Clear																					Sunset: Time, 5.41 Character, Cloudy			
Sunshine (in tenths of hours)							.97 0	.5 0.2	0	0.7	1.0	1.0	1.0	1.0	0.4	0.9	0.4	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	NW	NW	NW	NW	NW	NW	N	N	N	N	NE
Wind movement	24	21	20	21	20	20	19	20	17	22	20	18	19	13	16	14	13	10	9	9	6	7	7	8

Maximum velocities (exceeding 29 miles) direction and time 1

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

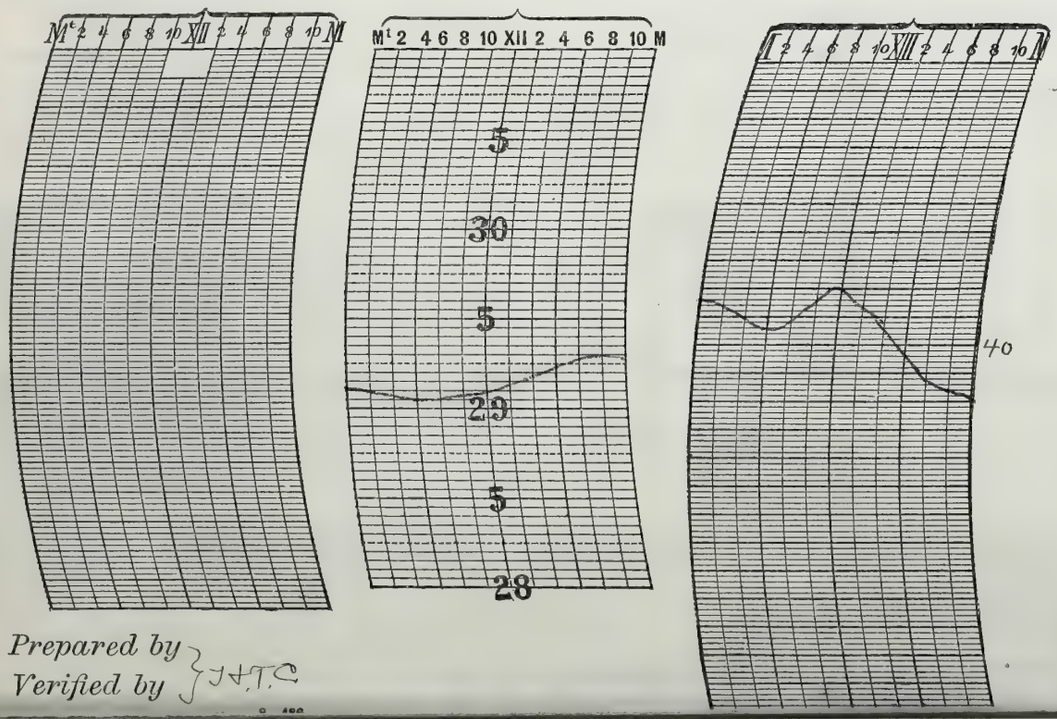
1 hours slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.
	50	31	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10) 7
Actual sunshine, hours, 8.1
Possible sunshine, hours, 11.6
Percentage of possible sunshine, 70
Prevailing direction SW
Total movement, 373
Average hourly velocity, 15.5

Maximum velocity,	Direction,	Time.
26	SW	12.12 AM

Extreme velocity, 26
Relative humidity, 78 a. m. 85 p. m.
Reduced barometer, 29.98 a. m. 30.22 p. m.
River gage, 5.2 ft.



NOTES.

Streets and walks nearly free from snow and ice

Prepared by
Verified by } J.H.T.C

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAR 10 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	30	30	30	30	30	30	31	32	33	34	36	40	43	42	42	42	41	40	40	40	38	36	36
State of weather: Nature of precipitation and time of beginning and ending																			RB 6.20 RE 6.35	RB 7.40	RE 8.20			
Amounts of precipitation																			T	T	T			
Cloudiness and other conditions									Cloudy						Cloudy									
Sunrise: Time 6.01, Character Cloudy																					Sunset: Time 5.42, Character Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0.1	0.8	1.0	1.0	0.1	0	0	0						
Wind direction	NE	NE	NE	E	E	E	E	E	E	E	E	NE	E	NE	NE	E	E	E	E	NE	NE	NE	NE	NE
Wind movement	8	9	9	9	9	8	8	9	8	9	9	9	9	7	8	7	3	3	4	5	3	6	5	5
Maximum velocities (exceeding 29 miles) direction and time																								

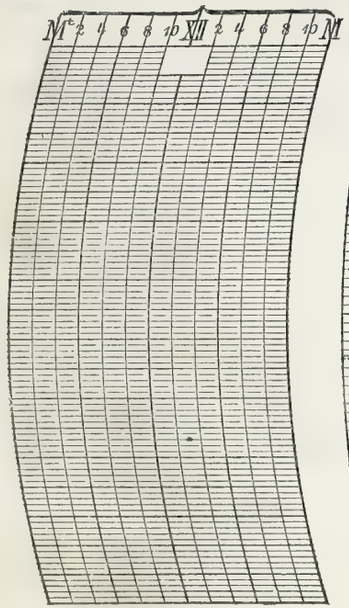
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

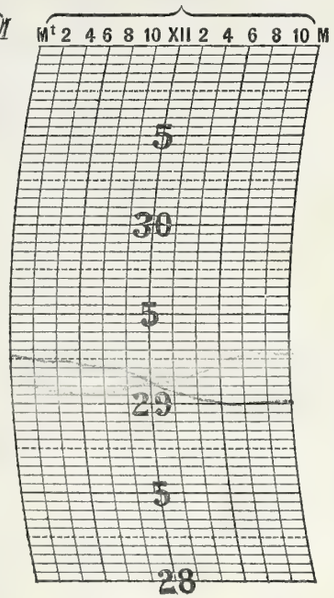
	Maximum.	Minimum.	Mean.	Normal.
	43	30	36	

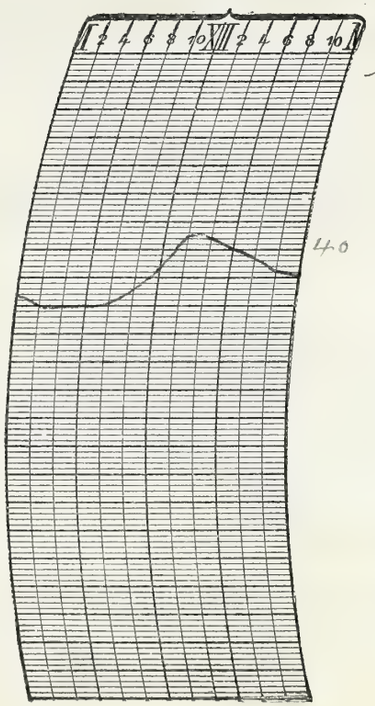
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day Cloudy Moon phase,
Average daily cloudiness (0-10) 9
Actual sunshine, hours, 3.0
Possible sunshine, hours, 11.7
Percentage of possible sunshine, 26
Prevailing direction E
Total movement, 169
Average hourly velocity, 7.0

Maximum velocity,	Direction,	Time.
13	E	9.55 a.m.

Extreme velocity, 13
Relative humidity, 89 a. m. 84 p. m.
Reduced barometer, 30.15 a. m. 29.95 p. m.
River gage, 13.4 ft.







NOTES.

Streets and walks free from snow and ice

Prepared by
Verified by J.H.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAR 11 1913, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	35	33	32	32	31	31	31	33	36	38	41	45	48	49	49	47	45	44	43	42	40	40	40
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							—	—	Pt Cloudy	—	—	—	—	Clear	—	—	—	—						
Sunrise: Time, 5.57 Character, Cloudy																					Sunset: Time, 5.42 Character, Clear			
Sunshine (in tenths of hours)				0		0	0	0	0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2 0.8	.72 0						
Wind direction	N	NW	NW	NW	NW	NW	NW	NW	N	N	N	N	NW	NW	W	SW	SW	SW	SW	SW	SE	SE	SE	SE
Wind movement	4	5	8	6	3	5	9	8	4	4	4	4	5	4	4	5	5	6	3	4	7	9	5	6
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

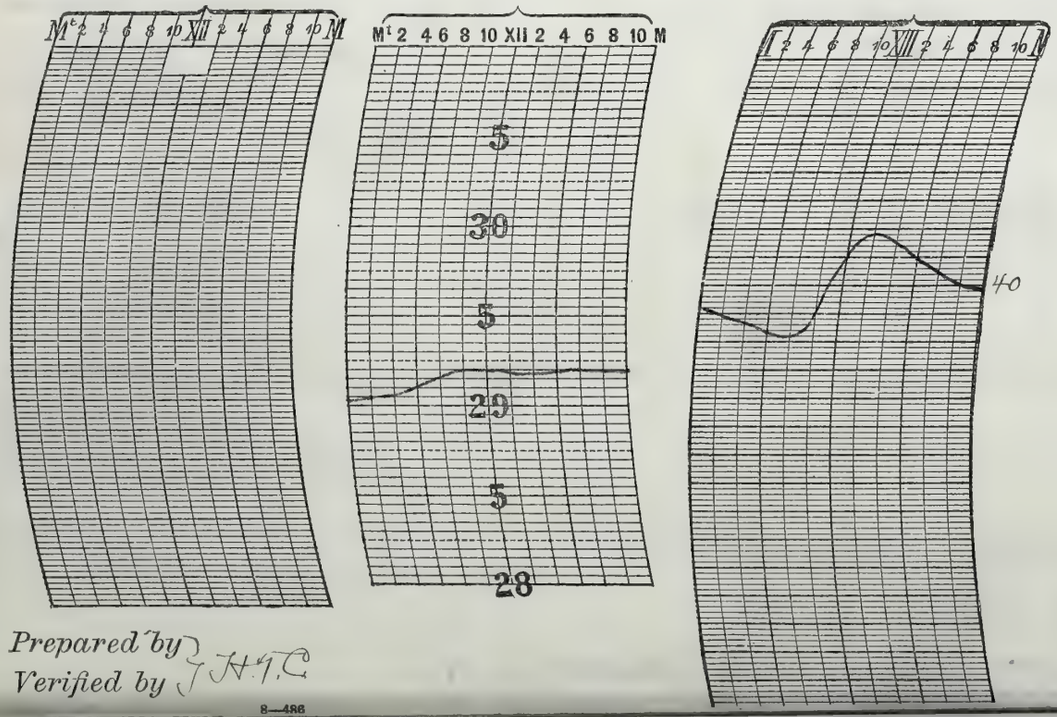
Maximum.	Minimum.	Mean.	Normal.
49	31	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 1 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10) 6
Actual sunshine, hours, 8.7
Possible sunshine, hours, 11.7
Percentage of possible sunshine, 74
Prevailing direction NW
Total movement, 127
Average hourly velocity, 5.3

Maximum velocity,	Direction,	Time.
11	NW	6.46 a.m.

Extreme velocity, 11
Relative humidity, 91 a. m. 68 p. m.
Reduced barometer, 30.09 a. m. 30.12 p. m.
River gage, 13.8 ft.

NOTES.



Prepared by
Verified by J.H.T.C

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAR 12 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	39	39	38	37	37	36	36	34	43	49	52	54	55	55	58	57	56	55	54	52	51	51	50	49
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear						Clear		Pt cloudy									
Sunrise: Time, Character,	5.57 Clear																				Sunset: Time, Character, 5.44 Cloudy			
Sunshine (in tenths of hours)						0	0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	0	0						
Wind direction	SE	S	SE	S	S	S	SE	SE	S	S	S	S	S	SE	SE	S	SE	SE	SE	S	S	S	S	S
Wind movement	4	6	6	6	4	6	6	7	8	9	11	11	11	11	12	9	7	6	6	8	10	11	6	3
Maximum velocities (exceeding 24 miles) direction and time																								

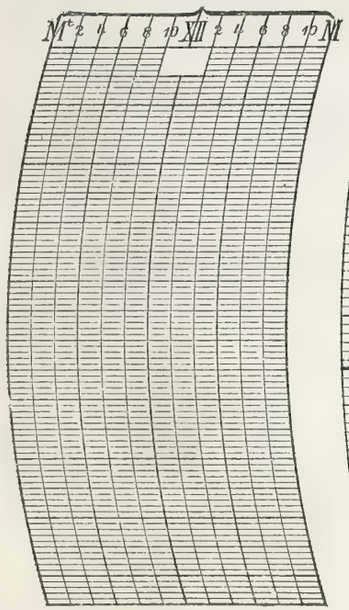
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

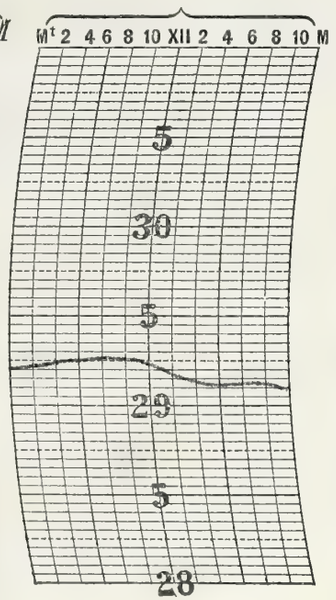
Excessive precipitation, accumulated amounts

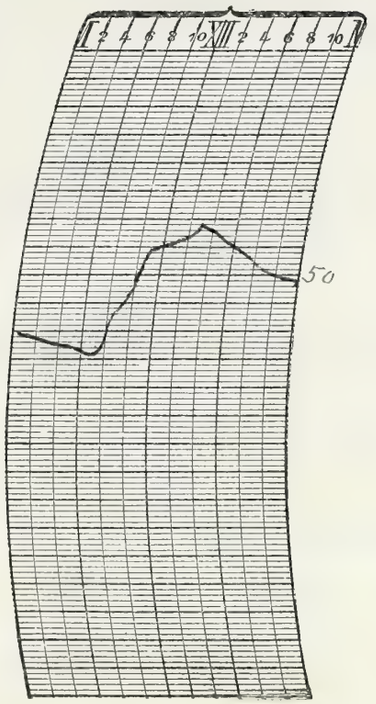
Maximum. 58 — Minimum. 36 — Mean. 47 — Normal.

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 1
Actual sunshine, hours, 10.0
Possible sunshine, hours, 11.8
Percentage of possible sunshine, 85
Prevailing direction S
Total movement, 184
Average hourly velocity, 7.7
Maximum velocity, 15 — Direction, SE — Time. 2.05 p.m.
Extreme velocity, 16
Relative humidity, 91 a. m. 82 p. m.
Reduced barometer, 30.19 a. m. 30.05 p. m.
River gage, 13.5 ft

NOTES.







Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAR 13 1913, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	48	48	48	49	50	50	52	55	56	58	63	65	66	64	63	60	58	56	55	55	55	56	56
State of weather. Nature of precipitation and time of beginning and ending																			RB 6.15		RE 8.35			
State of weather. Amounts of precipitation																			.15	.20	.03			
State of weather. Cloudiness and other conditions									Cloudy						Pt Cloudy									
Sunrise: Time, 5.56 Character, Cloudy																					Sunset: Time, 5.45 Character, Cloudy			
Sunshine (in tenths of hours)						0	0	0	0	0.3	0.8	0.8	1.0	1.0	0.4	0	0	6						
Wind direction	SE	SE	S	SE	SE	S	SE	S	S	S	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
Wind movement	4	5	9	11	10	11	9	8	9	10	11	12	14	13	14	13	9	11	14	14	12	13	14	16
Maximum velocities (exceeding 24 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

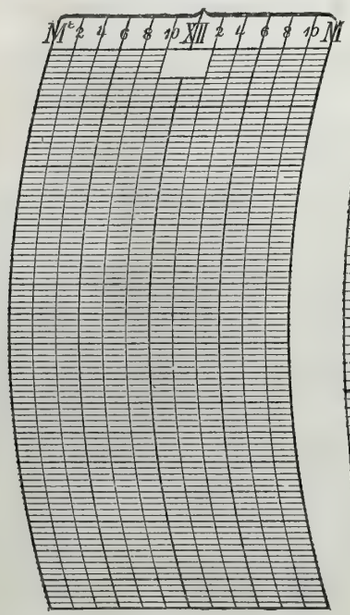
	Maximum.	Minimum.	Mean.	Normal.
	66	48	57	

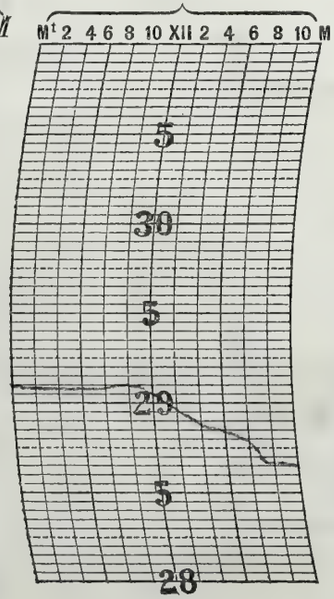
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .15 ins.
Total precipitation, midnight to midnight, .38 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10) 6
Actual sunshine, hours, 4.3
Possible sunshine, hours, 11.8
Percentage of possible sunshine, 36
Prevailing direction SE
Total movement, 266
Average hourly velocity, 11.1

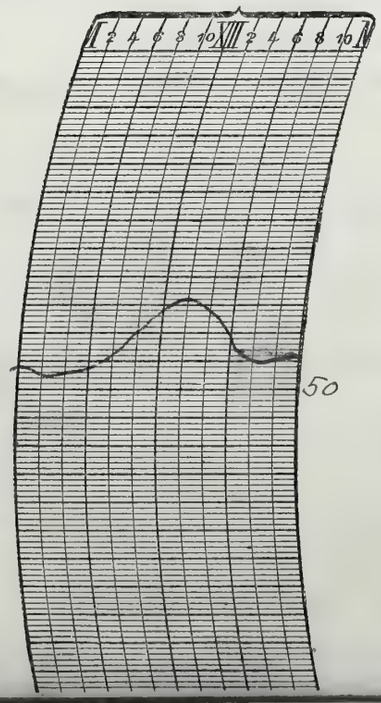
Maximum velocity,	Direction,	Time.
24	SE	11.05 p.m.

Extreme velocity, 24

Relative humidity, 81 a. m. 100 p. m.
Reduced barometer, 29.98 a. m. 29.71 p. m.
River gage, 12.7







NOTES.

6.00 p.m.

Prepared by
Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) _____, (Date) MAR 14 1913, 191

Time (local standard), 90 mer.

	A.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	56	55	54	54	54	52	54	56	60	63	65	67	70	69	68	65	65	61	59	56	54	47	44	42
State of weather: Nature of precipitation and time of beginning and ending																RB 3.35 RE 3.55								
State of weather: Amounts of precipitation																T								
State of weather: Cloudiness and other conditions							Clear							Pt Cloudy										
Sunrise: Time 5.54, Character Clear																					Sunset: Time 5.46, Character Clear			
Sunshine (in tenths of hours)						.10 0	.09 0.1	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.1	0.2	0.1 0.7	.77 0						
Wind direction	S	S	S	S	S	SE	SE	SE	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	W	W	W
Wind movement	16	13	11	11	14	12	13	16	17	22	26	26	28	26	23	26	21	21	22	17	15	15	13	13
Maximum velocities (exceeding 29 miles) direction and time											30 S 10.50	32 S 11.50	34 S 12.40	31 S 1.45		43 S 3.25	31 SW 4.45							

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
70	42	56	

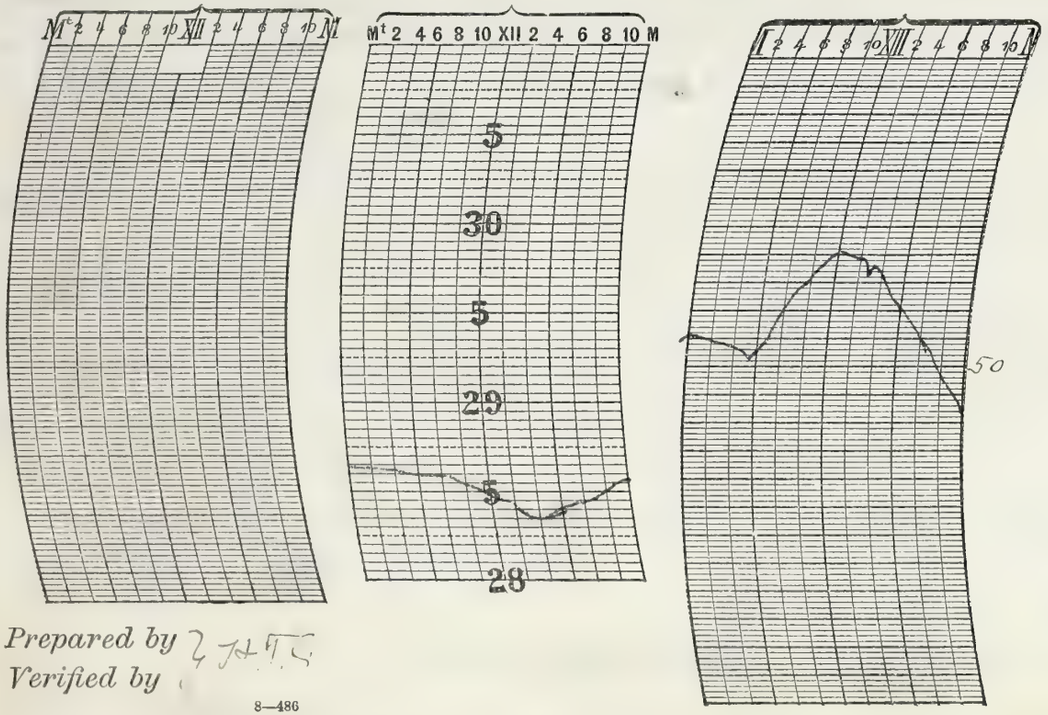
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .23 ins.; to 7 p. m., .77 ins.
Total precipitation, midnight to midnight, .71 inches.
Character of day, Clear Moon phase, _____
Average daily cloudiness (0-10) 2
Actual sunshine, hours, 9.8
Possible sunshine, hours, 11.9
Percentage of possible sunshine, 82
Prevailing direction S
Total movement, 437
Average hourly velocity, 17.4

Maximum velocity,	Direction,	Time.
43	S	3.25 p.m.

Extreme velocity, 45

Relative humidity, 88 a. m. 48 p. m.
Reduced barometer, 29.48 a. m. 29.32 p. m.
River gage, 13.9 ft.

NOTES.



Prepared by J. H. T.
Verified by _____

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAR 15 1913, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	38	38	37	36	36	35	35	35	36	36	36	36	35	35	35	34 SS 3.15	32	30	29	25	24	23	23	23
State of weather: Nature of precipitation and time of beginning and ending																								
State of weather: Amounts of precipitation																								
State of weather: Cloudiness and other conditions									R			Cloudy	→	Cloudy										
Sunrise: Time, 5.53 Character, Cloudy / Sunset: Time, 5.47 Character, Cloudy																								
Sunshine (in tenths of hours)						0	0	0.4	1.0	0.1	0.4	0.7	0.1	0	0	0	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	NW	NW	NW	NW	NW	NW
Wind movement	11	11	9	15	14	14	16	19	23	23	21	19	20	18	15	16	17	15	12	15	13	14	14	11
Maximum velocities (exceeding 27 miles) direction and time 1									30 SW 8.40															

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

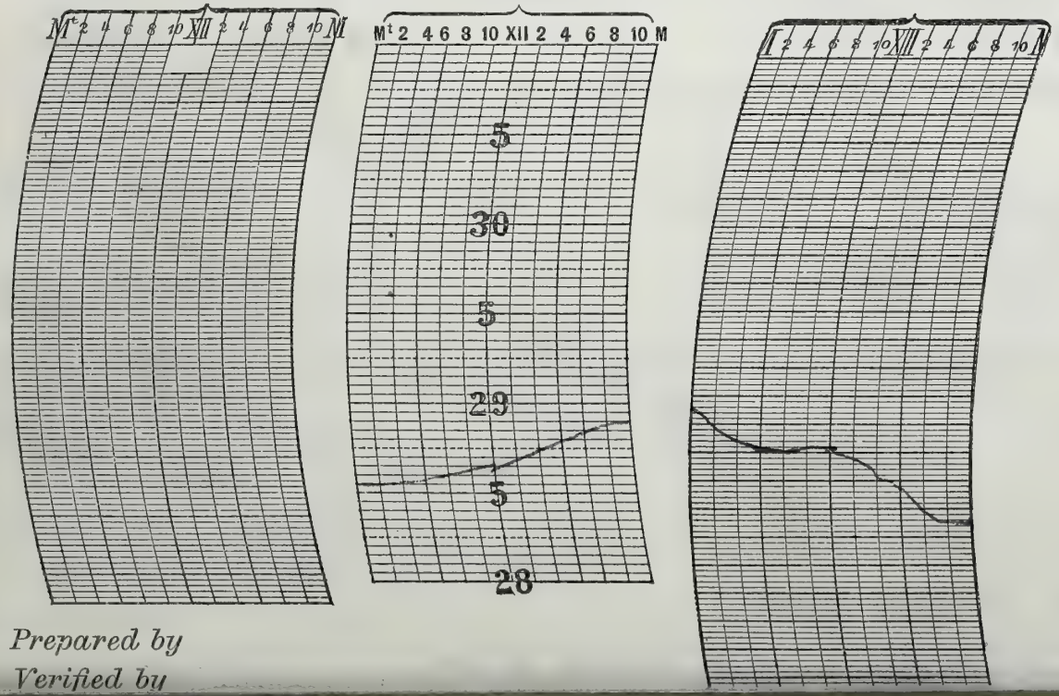
1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
42	23	32	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase, First Quarter
Average daily cloudiness (0–10) 9
Actual sunshine, hours, 2.7
Possible sunshine, hours, 11.9
Percentage of possible sunshine, 23
Prevailing direction SW
Total movement, 375
Average hourly velocity, 15.6

Maximum velocity,	Direction,	Time.
30	SW	8.40 a.m.

Extreme velocity, 31
Relative humidity, 68 a. m. 89 p. m.
Reduced barometer, 29.51 a. m. 29.74 p. m.
River gage, 1.41 ft.



NOTES.

Light Snow

Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAR 16 1913, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	23	22	21	21	21	21	22	22	22	23	23	23	25 SE 4.00	27	28	29	28	27	27	25 SE 1.30	23	20	18 SE DN.	17
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions									Cloudy				Cloudy											
Sunshine (in tenths of hours)						0	0	0	0	0.3	0.5	0.5	0.6	1.0	0.5	0	0.1	0						
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	W	W	W	W	W	W	W	W	SW	SW	SW	SW	W	W	W	W
Wind movement	12	11	9	10	9	9	11	13	16	15	17	17	18	17	18	18	20	18	15	15	22	22	22	17
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5.51 Character, Cloudy

Sunset: Time, 5.48 Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.
	29	17	23	

Total depth of snow for 24 hours ending 7 p. m., T inches.

Snow on ground 7 p. m., T inches.

Total snowfall, midnight to midnight, T inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 8

Actual sunshine, hours, 3.5

Possible sunshine, hours, 12.0

Percentage of possible sunshine, 29

Prevailing direction W

Total movement, 371

Average hourly velocity, 15.5

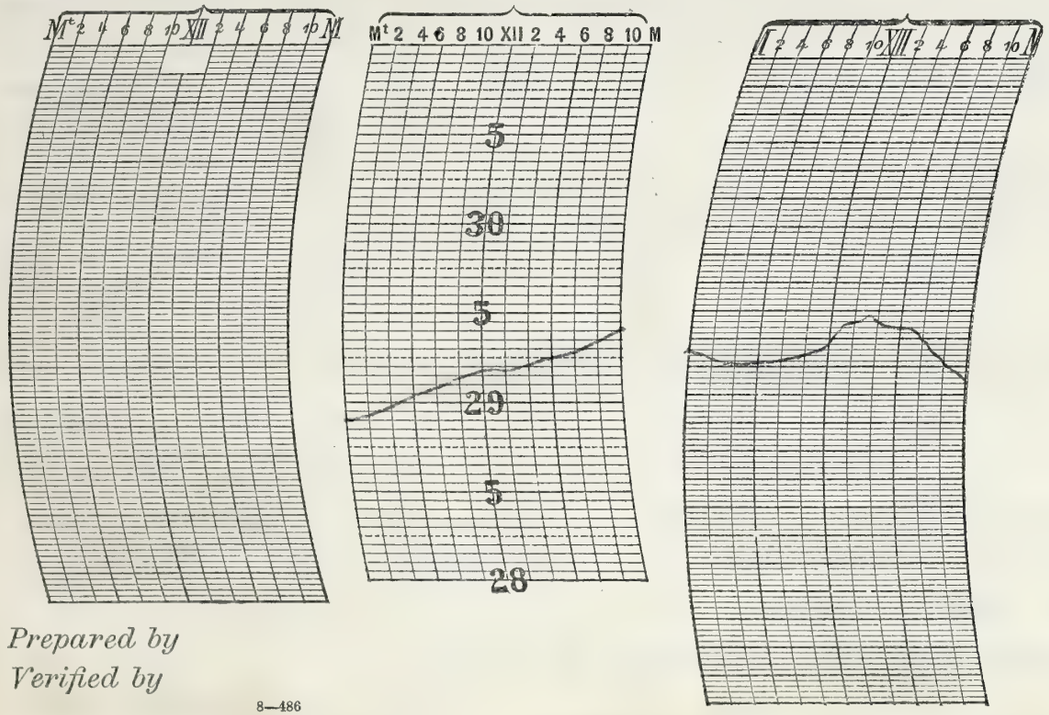
Maximum velocity, 30 Direction, W Time, 10.03 p. m.

Extreme velocity, 30

Relative humidity, 86 a. m. 76 p. m.

Reduced barometer, 30.00 a. m. 30.19 p. m.

River gage, 13.4 feet



NOTES.

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAR 17 1913, 191

Time (local standard) 90 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	17	16	16	16	15	13	14	18	23	25	27	30	31	32	32	35	36	36	36	35	35	36	36	36
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions									Clear				* Pt cloudy											
Sunrise: Time, Character, 5.49 Clear																					Sunset: Time, Character, 5.50 Cloudy			
Sunshine (in tenths of hours)						.8	1.0	0.2	1.0	1.0	1.0	1.0	1.0	0.7	0	0.4	0	0						
Wind direction	W	W	W	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S	SE	SE	SE	SE	SE	SE	S	S	S
Wind movement	19	16	12	11	8	10	10	7	8	7	10	13	13	13	11	10	12	10	10	11	10	12	14	15
Maximum velocities (exceeding 29 miles) direction and time /																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

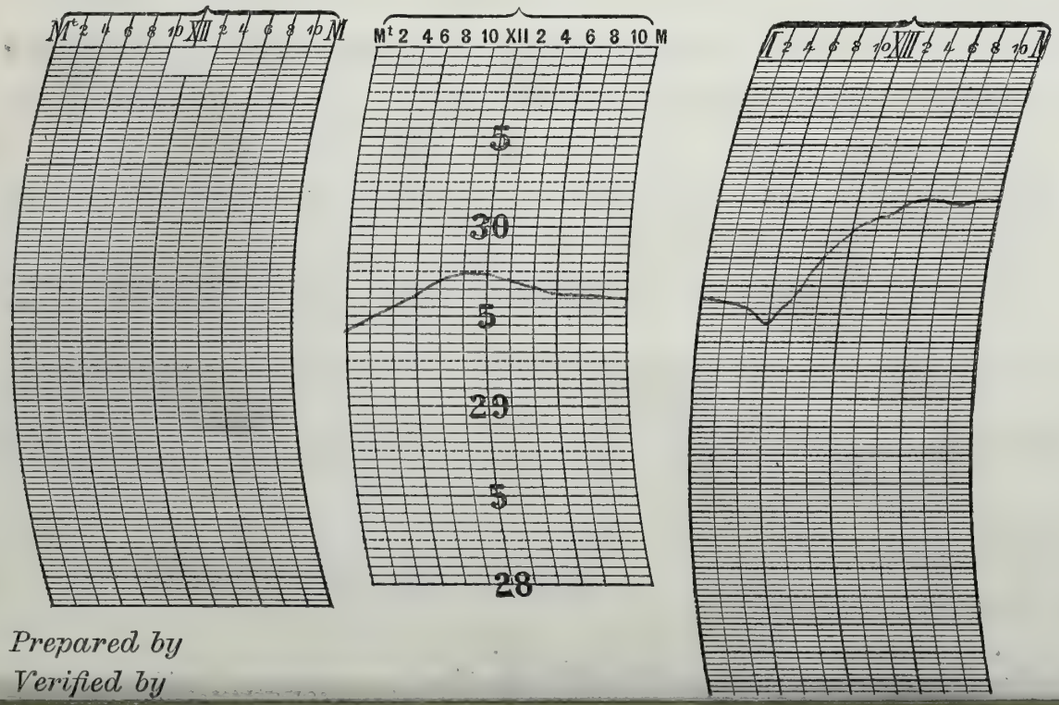
1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
36	13	24	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0-10) 4
Actual sunshine, hours, 8.3
Possible sunshine, hours, 12.0
Percentage of possible sunshine, 69
Prevailing direction S
Total movement, 270
Average hourly velocity, 11.2

Maximum velocity,	Direction,	Time.
31	W	12.30 a.m.

Extreme velocity, 31
Relative humidity, 57 a. m. 78 p. m.
Reduced barometer, 30.64 a. m. 30.54 p. m.
River gage, 12.1 ft



NOTES.

Prepared by
Verified by

FORM NO. 1014—MAY 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAR 18 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	40	40	40	40	40	40	44	48	51	53	55	57	58	60	61	58	55	53	51	49	48	47	47
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Clear						Clear										
Sunrise: Time, 5.48 Character, Clear																					Sunset: Time, 5.51 Character, Clear			
Sunshine (in tenths of hours)						.20 0	1.0 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.85 0						
Wind direction	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S	S	S
Wind movement	15	16	16	14	16	16	17	19	20	24	26	25	30	28	26	27	20	16	15	15	16	15	16	14
Maximum velocities (exceeding 29 miles) direction and time											31 SW 10.20	30 SW 11.05	32 SW 12.35	31 SW 1.05	30 SW 2.30	34 SW 3.10								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

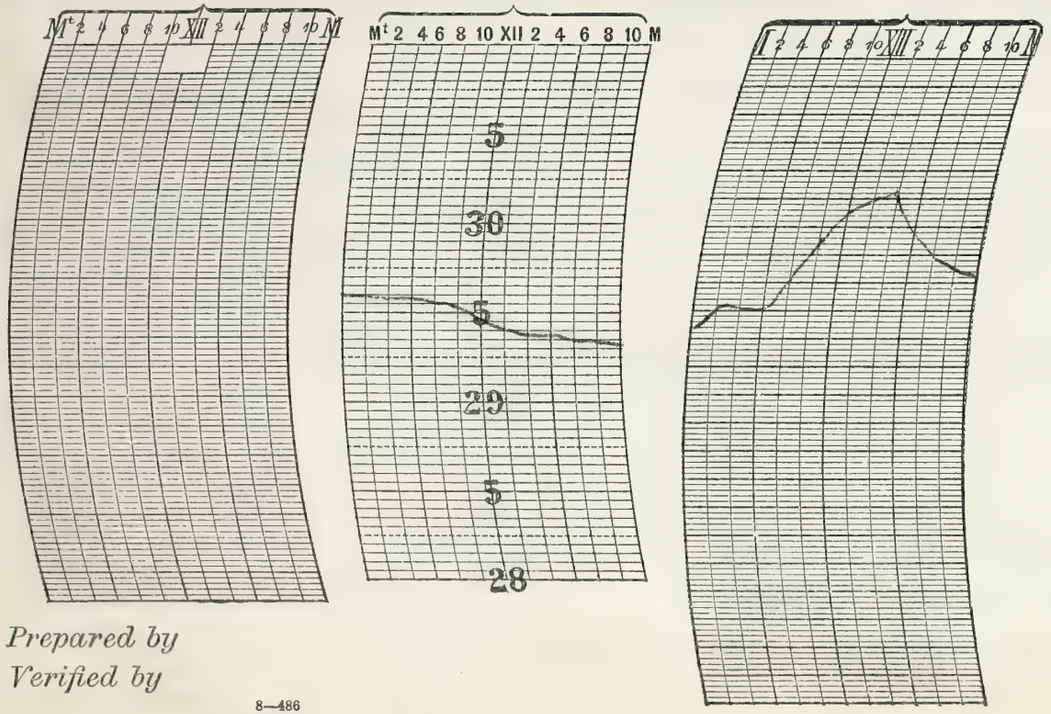
	Maximum.	Minimum.	Mean.	Normal.
	61	36	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10) 0
Actual sunshine, hours, 12.0
Possible sunshine, hours, 12.0
Percentage of possible sunshine, 100
Prevailing direction SW
Total movement, 462
Average hourly velocity, 19.2

Maximum velocity,	Direction,	Time.
34	SW	3.10 p.m.

Extreme velocity, 34
Relative humidity, 61 a. m. 82 p. m.
Reduced barometer, 30.51 a. m. 30.31 p. m.
River gage, 10.4 ft.

NOTES.



Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAR 19 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	46	45	45	44	44	47	50	55	58	60	61	62	64	64	65	65	63	60	58	58	58	57	56
State of weather: Nature of precipitation and time of beginning and ending																							RB 10,30 RE 10,40	
Amounts of precipitation																							T	
Cloudiness and other conditions						—	Clear	—						Clear	—									
Sunrise: Time 5.46, Character Clear																					Sunset: Time 5.52, Character Cloudy			
Sunshine (in tenths of hours)						0	0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	1.0	0.1	0						
Wind direction	S	S	S	S	S	S	S	S	S	SW	SW	SW	S	S	S	S	S	SE	SE	SE	SE	SE	S	S
Wind movement	17	16	14	13	12	13	13	16	21	23	25	23	25	22	20	18	15	11	14	13	13	14	18	16
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

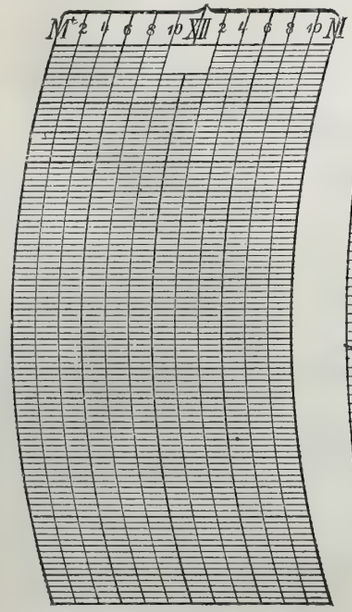
	Maximum.	Minimum.	Mean.	Normal.
	65	44	54	

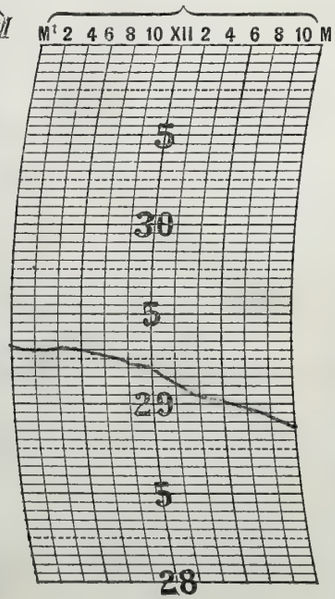
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 2
Actual sunshine, hours, 10.0
Possible sunshine, hours, 12.1
Percentage of possible sunshine, 83
Prevailing direction S
Total movement, 405
Average hourly velocity, 16.8

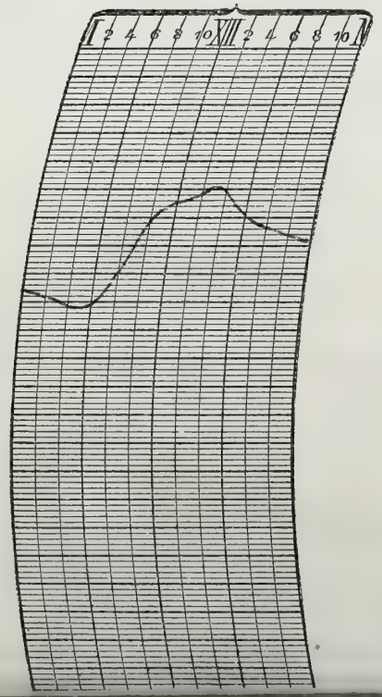
Maximum velocity,	Direction,	Time.
28	SW	10.30 a.m.

Extreme velocity, 28
Relative humidity, 76 a. m. 84 p. m.
Reduced barometer, 30.31 a. m. 29.89 p. m.
River gage, 8.1 ft.

NOTES.







Prepared by

Verified by

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAR 20 1913, 191

Time (local standard) 90 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	54	53	54	53	54	55	57	60	60	60	60	64	62	57	54	48	45	42	39	38	38	38	38
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions									Pt Cloudy				Clear											
Sunrise: Time, Character	5.44 Cloudy																				Sunset: Time, Character	5.53 Clear		
Sunshine (in tenths of hours)						0	0	0	0.6	1.0	0.2	1.0	1.0	1.0	1.0	0.8	1.0	.88 .85 0							
Wind direction	S	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	W	W	W	NW	N	NE	NE	NE	E
Wind movement	20	19	16	18	18	21	20	17	26	31	26	28	28	28	24	18	15	9	11	7	6	6	9	13
Maximum velocities (exceeding 29 miles) direction and time									32 SW 8.55	34 SW 9.40	30 SW 10.50	32 SW 11.45	33 SW 12.45	35 SW 1.55										

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
64	38	51	

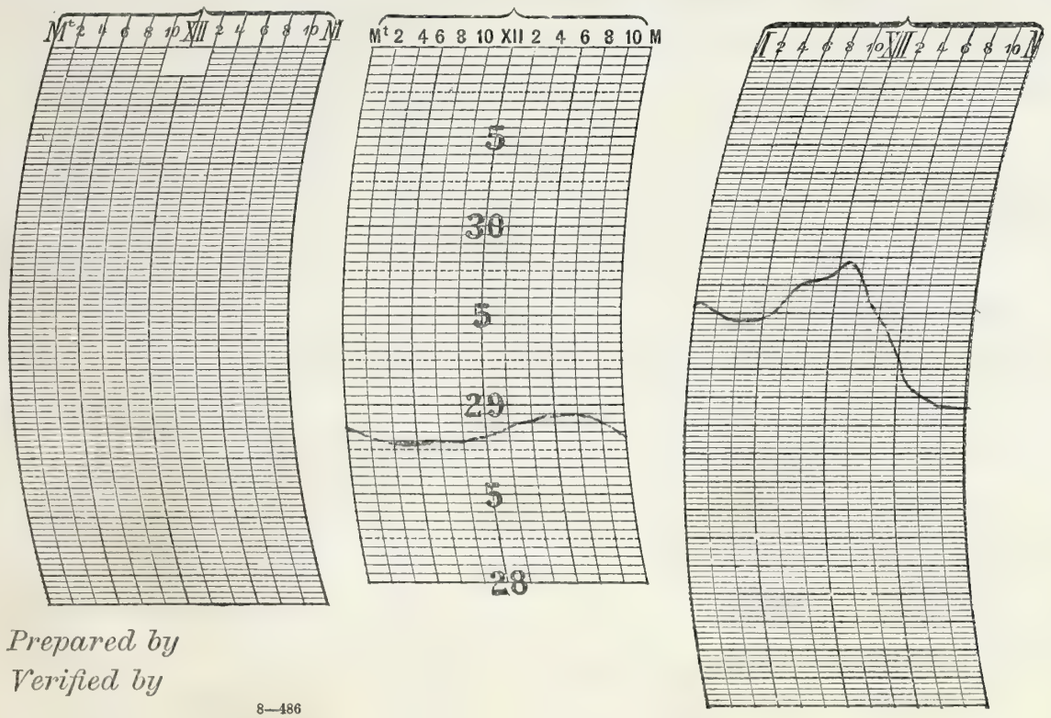
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 77 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10) 7.4
Actual sunshine, hours, 8.5
Possible sunshine, hours, 12.2
Percentage of possible sunshine, 70
Prevailing direction S
Total movement, 434
Average hourly velocity, 18.1

Maximum velocity,	Direction,	Time.
35	SW	1.55 p.m.

Extreme velocity, 36

Relative humidity, 79 a. m. 85 p. m.
Reduced barometer, 29.72 a. m. 29.88 p. m.
River gage, 6.2 ft.

NOTES.



Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAR 21 1913, 191

Time (local standard), 90 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	39	39	41	50	56	57	50	34	34	33	33	32	31	31	28	27	26	26	24	22	21	20	20
State of weather. Nature of precipitation and time of beginning and ending			RB DN							RE 7.40 SB 9.50	SE 10.30													
Amounts of precipitation			.14	.26	.08	T	.02	T	.01	T														
Cloudiness and other conditions							Cloudy						Cloudy											
Sunrise: Time, 5.43 Character, Cloudy																					Sunset: Time, 5.54 Character, Cloudy			
Sunshine (in tenths of hours)				0		0	0	0	0	0	0.1	0.1	0	0	0	0	0	0						
Wind direction	NE	NE	E	E	E	SE	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	SW	W	W	W	W	W
Wind movement	16	19	17	17	18	15	27	36	48	40	37	36	35	32	29	30	29	26	26	24	23	22	19	19
Maximum velocities (exceeding 29 miles) direction and time							38 S 6.55	64 SW 7.45	60 SW 8.15	48 SW 9.40	46 SW 10.55	40 SW 11.05	44 SW 12.10	37 SW 1.40	34 SW 2.35	36 SW 3.55	33 SW 4.05	32 W 5.10	30 SW 6.30		30 W 8.30	31 W 9.30		

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.
	58	20	39	

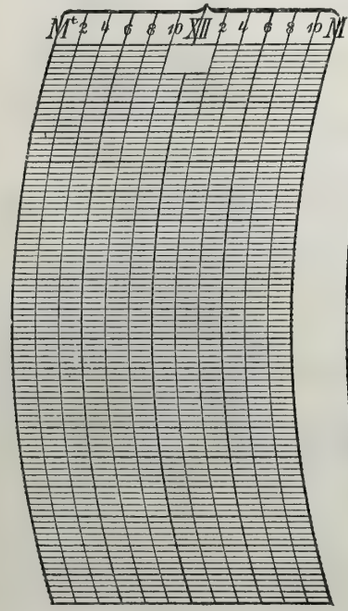
Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., .50 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .51 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 10
Actual sunshine, hours, 0.2
Possible sunshine, hours, 12.2
Percentage of possible sunshine, 2
Prevailing direction SW
Total movement, 660
Average hourly velocity, 27.5

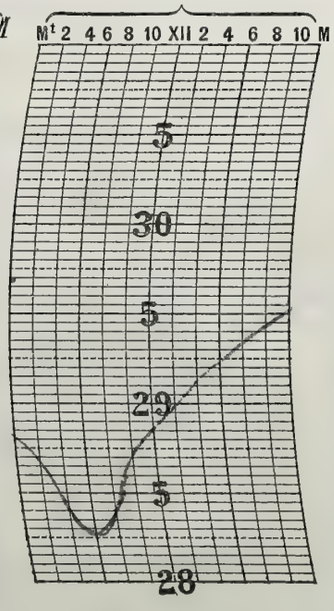
Maximum velocity,	Direction,	Time.
64	SW	7.45a.m

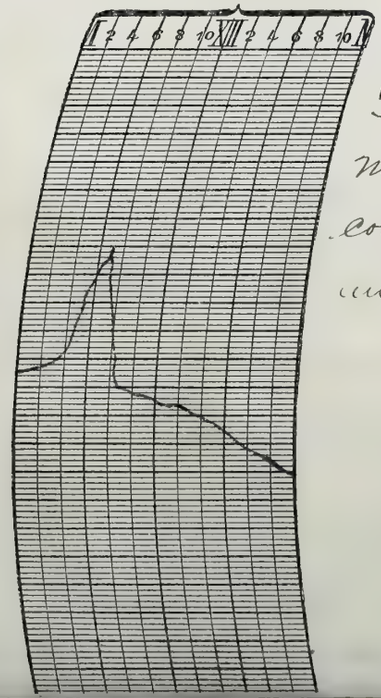
Extreme velocity, 65

	a. m.	p. m.
Relative humidity,	100	82
Reduced barometer,	29.17	29.21

River gage, 7.3ft.







NOTES.

T 3.00 a.m.

The high wind during the forenoon caused much trouble to telephone and telegraph companies. Some trees were blown down and some windows were blown in broken

Prepared by

Verified by

Form No. 1014—Met 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAR 22 1913, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

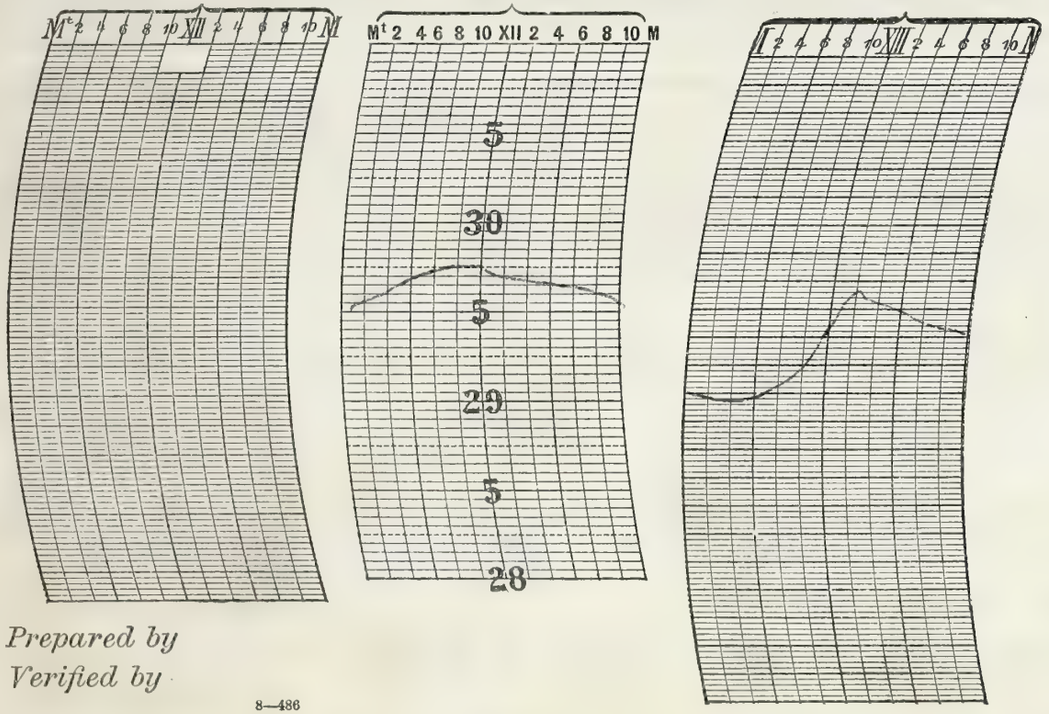
	A.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	20	19	19	19	19	19	20	21	23	25	28	32	34	36	38	37	36	36	34	33	33	32	32	31
State of weather: Nature of precipitation and time of beginning and ending		SB DN		SE ON																				
Amounts of precipitation																								
Cloudiness and other conditions							—	Clear	—					—	Clear	—								
Sunrise: Time, Character,	5.41 Clear																							
Sunset: Time, Character,																					5.35 Cloudy			
Sunshine (in tenths of hours)						0	0	0.9	0.7	0.9	1.0	1.0	1.0	1.0	1.0	0.9	0	0						
Wind direction	W	W	W	W	W	SW	SW	SW	W	W	W	SW	W	SW	SW	S	SE	SE	SE	SE	SE	SE	E	E
Wind movement	17	15	15	13	10	9	9	8	7	6	6	7	4	6	5	5	5	6	4	4	5	6	5	7
Maximum velocities (exceeding 29 miles) direction and time 1																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum 38 — Minimum 19 — Mean 28 — Normal

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Clear Moon phase, Full Wash.
Average daily cloudiness (0–10) 2.
Actual sunshine, hours, 9.7
Possible sunshine, hours, 12.2
Percentage of possible sunshine, 80
Prevailing direction W
Total movement, 184
Average hourly velocity, 7.7
Maximum velocity, 19 Direction, W Time. 12.10 p. m.
Extreme velocity, 19
Relative humidity, 65 a. m. 86 p. m.
Reduced barometer, 30.68 a. m. 30.61 p. m.
River gage, 7.0 ft.

NOTES.



Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

MAR 2 1918

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) ____, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	30	30	29	31	32	33	35 RB 7.25	35	34	34	36	42	46	47	48	49	49 RE 5.10	50 (48)	50	62	65	65	61
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation								.05	.26	.30	.33	.19	.25	.28	.20	.10	.11	.01						
Cloudiness and other conditions							—	Cloudy					—	Cloudy										
Sunrise: Time 5.39, Character Cloudy																					Sunset: Time 5.56, Character Cloudy			
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0	0	0	0	0						
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E	SE	S	S	SE	SE	SE	SE	S	S	S	S	SW
Wind movement	7	6	4	8	8	8	8	6	6	7	5	4	8	11	7	12	11	10	12	11	16	28	29	28
Maximum velocities (exceeding 29 miles) direction and time																							32 S 10.45	33 SW 11.10

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

+ hourly amounts estimated. R.B. Gage out of order

NOTES.

Maximum 65 — Minimum 29 — Mean 47 — Normal

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 2.08 ins.

Total precipitation, midnight to midnight, 2.08 inches.

Character of day, Cloudy, Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 12.3

Percentage of possible sunshine, 0

Prevailing direction E

Total movement, 260

Average hourly velocity, 10.8

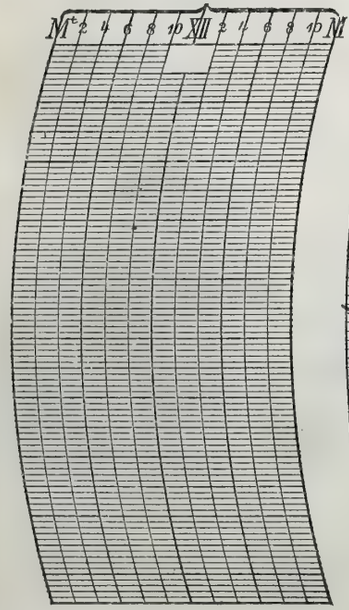
Maximum velocity, 33 — Direction, SW — Time, 11.10 p.m.

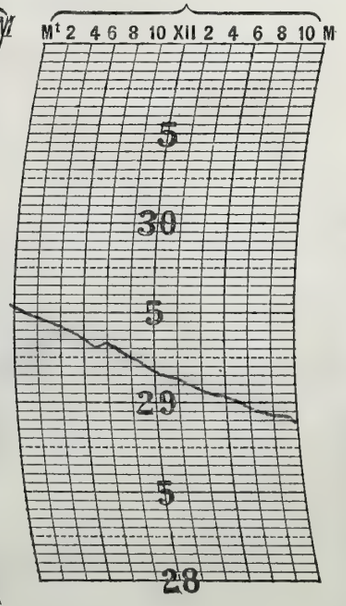
Extreme velocity, 33

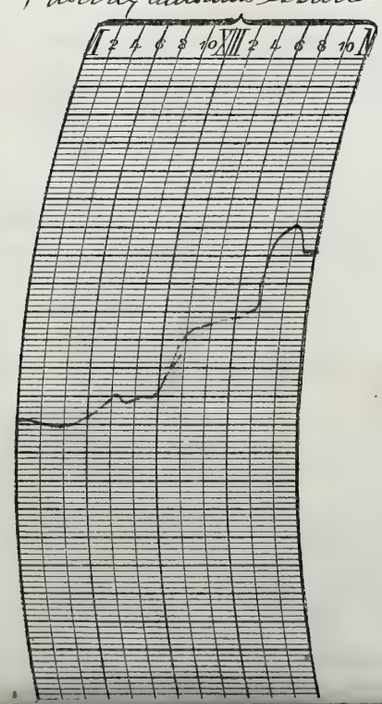
Relative humidity, 90 a. m., 90 p. m.

Reduced barometer, 30.27 a. m., 29.93 p. m.

River gage, 6.7 ft.







9.25 a.m.

Prepared by

Verified by

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind., (Day of week) Monday, (Date) MAR 24 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	61	62	63 (65)	62	52	52	52	54	57	59	62	60	58	55	53	55	55	52	50	51	50	50	50	49
State of weather: Nature of precipitation and time of beginning and ending			RB DN			RE 5.55							RB 12.20											
State of weather: Amounts of precipitation			T	.10	.30	.20	.38						T	.17	.07	.01	.10	.07	.18 (.20)	.22	.09	.07	.22	.08
State of weather: Cloudiness and other conditions							Pt Cloudy →						✕			Cloudy								
Sunrise: Time 5.38, Character Cloudy																					Sunset: Time 5.57, Character Cloudy			
Sunshine (in tenths of hours)						0	0	0	0.2	0.8	1.0	0.5	0	0	0	0	0	0						
Wind direction	S	S	S	SW	SW	SW	SW	S	SW	SW	SW	SW	SW	SW	SW	SE	S	N	NE	S	E	N	N	NE
Wind movement	22	26	31	31	26	15	15	16	19	21	22	21	14	14	9	5	7	6	4	3	4	5	5	10
Maximum velocities (exceeding 24 miles) direction and time		32 S 1.55	35 S 2.55	34 S 3.05	52 W 4.12																			

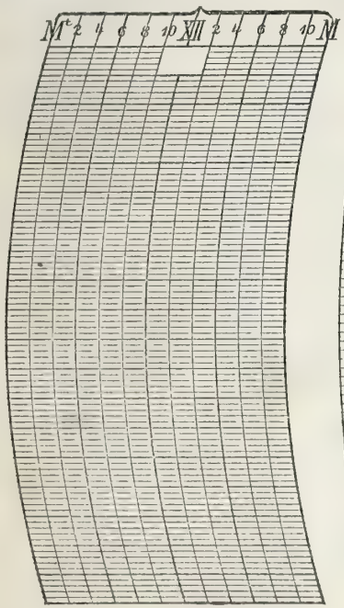
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

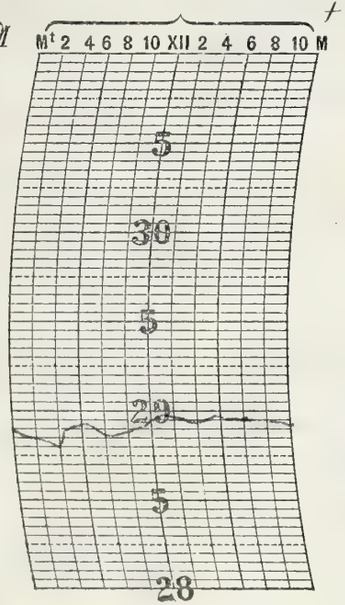
Maximum. 65 — Minimum. 44 — Mean. 57 — Normal.

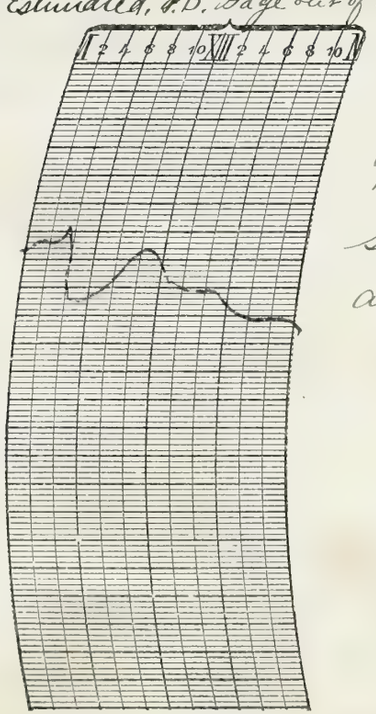
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 6 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m. .68 ins.; to 7 p. m. .56 ins.
Total precipitation, midnight to midnight, 1.98 inches.
Character of day, Cloudy — Moon phase,
Average daily cloudiness (0–10) 8
Actual sunshine, hours, 2.5
Possible sunshine, hours, 12.3
Percentage of possible sunshine, 20
Prevailing direction SW
Total movement, 361
Average hourly velocity, 15.0 14.6

Maximum velocity, 52 — Direction, W — Time. 4.12 a.m.
Extreme velocity, 52
Relative humidity, 94 a. m. 100 p. m.
Reduced barometer, 29.83 a. m. 29.87 p. m.
River gage, 19.6 ft

+ Estimated, RB. Gage out of order







NOTES.

Highest velocity 3.00 a.m.

The high winds in the early morning caused some trouble to the telegraph ~~companies~~ and telephone companies

Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

MAR ~~26~~ 25 1913

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) ~~26~~ 25, 191

Time (local standard) 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	47	45	44	43	43	42	40	38 RE 7:20	37	37	37	37	35	36 R13 1.30	35	35	34	33	32	32	31	31 RE 9:45	31	31
State of weather: Nature of precipitation and time of beginning and ending																								
State of weather: Amounts of precipitation	.10	.18	.02	.02	.14	.14	.02	T						T	T	T	.01	.02	.02	.01	T	.01		
State of weather: Cloudiness and other conditions									Cloudy					Cloudy										
Sunrise: Time / Character	5.36 Cloudy																							
Sunset: Time / Character																					5.58 Cloudy			
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0	0	0	0	0						
Wind direction	N	NE	NE	NE	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	9	10	13	13	8	12	15	14	14	14	12	15	14	16	18	16	19	17	17	15	16	15	12	10
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

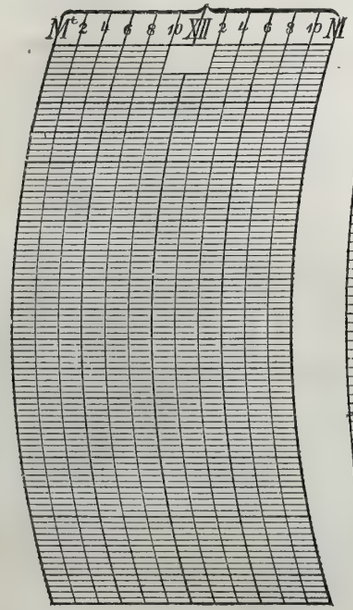
Maximum.	Minimum.	Mean.	Normal.
49	31	40	

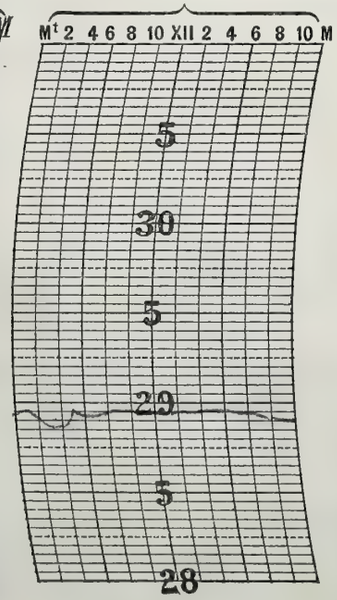
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m. .36 ins.; to 7 p. m. .05 ins.
Total precipitation, midnight to midnight, 1.99 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10) 10
Actual sunshine, hours, 0
Possible sunshine, hours, 12.4
Percentage of possible sunshine, 0
Prevailing direction NE
Total movement, 334
Average hourly velocity, 13.9

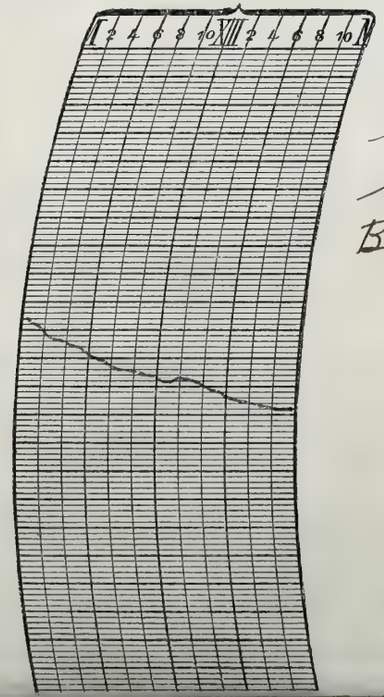
Maximum velocity,	Direction,	Time.
21	NE	5.55 p.m.

Extreme velocity, 21

Relative humidity, 100 a. m. 90 p. m.
Reduced barometer, 29.85 a. m. 29.43 p. m.
River gage, 24.0 ft.







NOTES.

The Maumee Levee broke ~~first~~ west of Walton Ave. the ~~Counds~~ ~~street~~ bridge at 2.30 p.m. and the water flowed over the St Joseph Boulevard at 9.30 p.m. flooding Lakeside

Prepared by

Verified by

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAR 26 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	31	32	30	30	30	29	30	30	30	30	30	29	29 S 13 1,45	29	28	28	28	29	28	27	26	26	25
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions									Cloudy					Cloudy										
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0	0	0	0	0						
Wind direction	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	NW	N	NE	N	N	N	N	N	N	N	N	N
Wind movement	7	8	10	12	9	7	10	8	11	10	9	7	11	11	10	12	13	11	14	14	11	14	13	12

Sunrise: Time, 5.34 Character, Cloudy

Sunset: Time, 5.59 Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum, 32 — Minimum, 25 — Mean, 28 — Normal.

Total depth of snow for 24 hours ending 7 p. m. 2.1 inche

Snow on ground 7 p. m., 2.1 inches.

Total snowfall, midnight to midnight, T 4.0 inches.

Precipitation to 7 a. m., .02 ins.; to 7 p. m., .21 ins.

Total precipitation, midnight to midnight, T 40 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 12.4

Percentage of possible sunshine, 0

Prevailing direction N

Total movement, 256

Average hourly velocity, 10.7

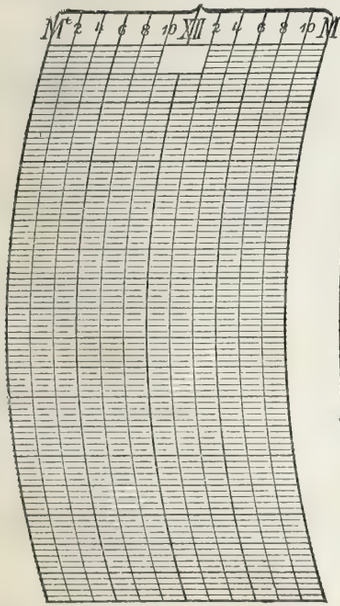
Maximum velocity, 19 Direction, N Time. 7.25 p.m.

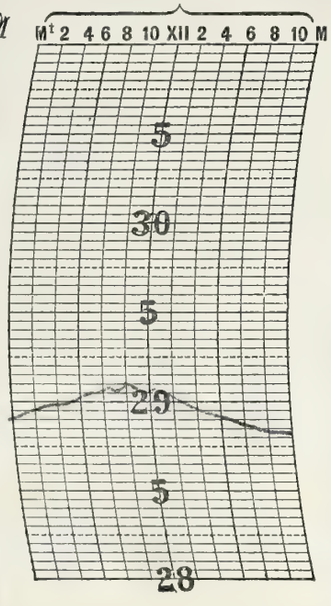
Extreme velocity, 19

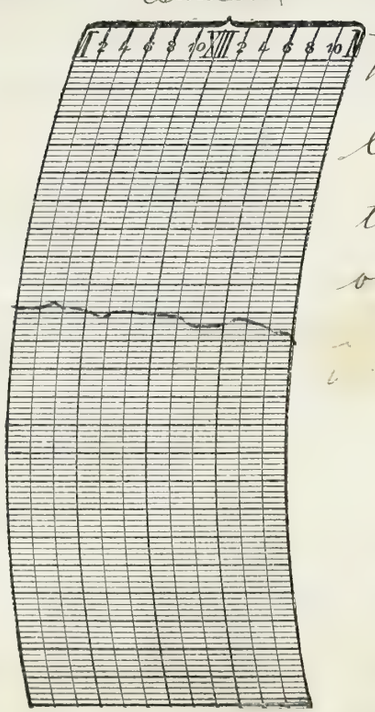
Relative humidity, 89 a. m. 100 p. m.

Reduced barometer, 29.98 a. m. 29.84 p. m.

River gage, 7.00 A.M. 26.0 ft. Crest 26.1 ft. at 11.00 P.M.







+Estimated

NOTES.

Maumee levee broke just west of the Coombs street bridge at 4.30 p.m. and the St. Joseph levee broke water flowed over the St Joseph Boulevard at 9.30 p.m.

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAR 27 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	24	23	22	21	20	21	19	19 SE 7.20	20	24	26	28	29 28	28	27	26	16	25	24	25	22	22	22	22
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							— cldy	×		— clear			— clear				×	or cldy						
Sunrise: Time, 5.33 Character, Cloudy																					Sunset: Time, 6.00 Character, Cloudy			
Sunshine (in tenths of hours)				0		0	0	0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.6	0						
Wind direction	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	W	W	W	W	W	SW	SW	SW
Wind movement	13	19	18	19	19	18	17	16	17	17	18	18	22	20	21	19	16	15	12	10	8	7	6	6
Maximum 29 velocities (exceeding ___ miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	29	19	24	

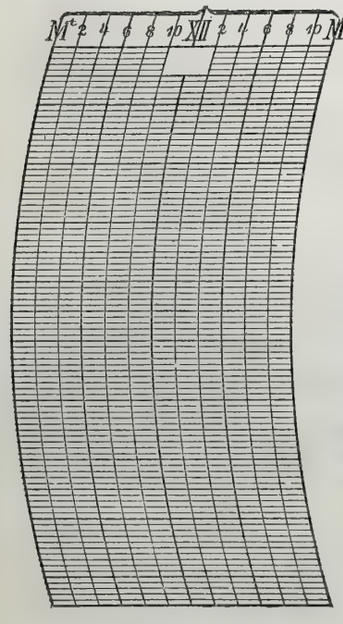
Total depth of snow for 24 hours ending 7 p. m., 4.0 inches.
Snow on ground 7 p. m., 2.4 inches.
Total snowfall, midnight to midnight, 2.1 inches.
Precipitation to 7 a. m., .40 ins.; to 7 p. m., .71 ins.
Total precipitation, midnight to midnight, .21 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 2
Actual sunshine, hours, 8.3
Possible sunshine, hours, 12.4
Percentage of possible sunshine, 67
Prevailing direction NW
Total movement, 369
Average hourly velocity, 15.4

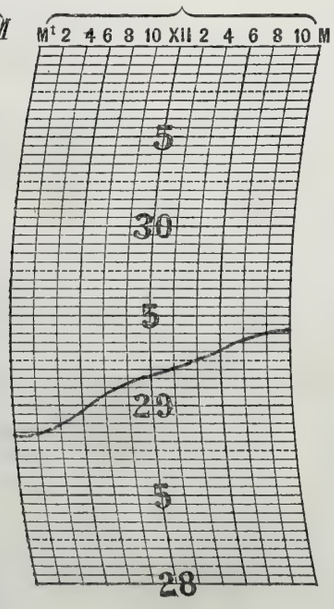
Maximum velocity,	Direction,	Time.
23	NW	12.56 p.m.

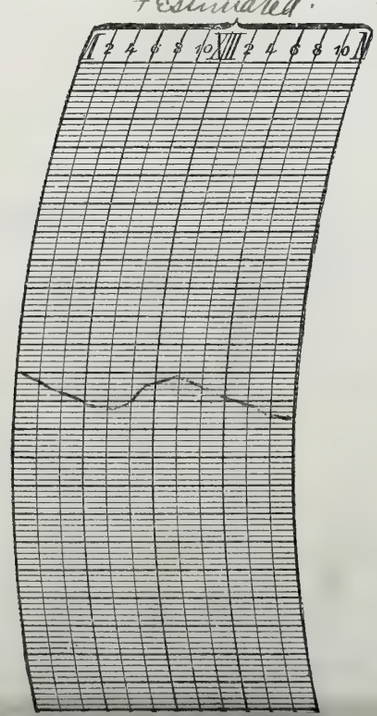
Extreme velocity, 23
Relative humidity, 94 a. m. 74 p. m.
Reduced barometer, 29.98 a. m. 30.33 p. m.
River gage, 26.0 ft.

NOTES.

+ estimated.







Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAR 28 1913, 191

Time (local standard) 75 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	19	19	18	18	18	18	21	23	27	28	30	32	33	34	35	36	36	35	34	35	35	35	34	33
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						cdy	×	Clear						Clear										
Sunrise: Time, Character,	5.31 Cloudy																				Sunset: Time, Character,			6.01 Clear
Sunshine (in tenths of hours)				0		0	0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	S	S	S	S	S	S	S	S
Wind movement	8	9	8	9	8	8	9	11	12	14	16	17	20	18	18	15	17	12	11	11	14	13	13	13
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
36	18	27	

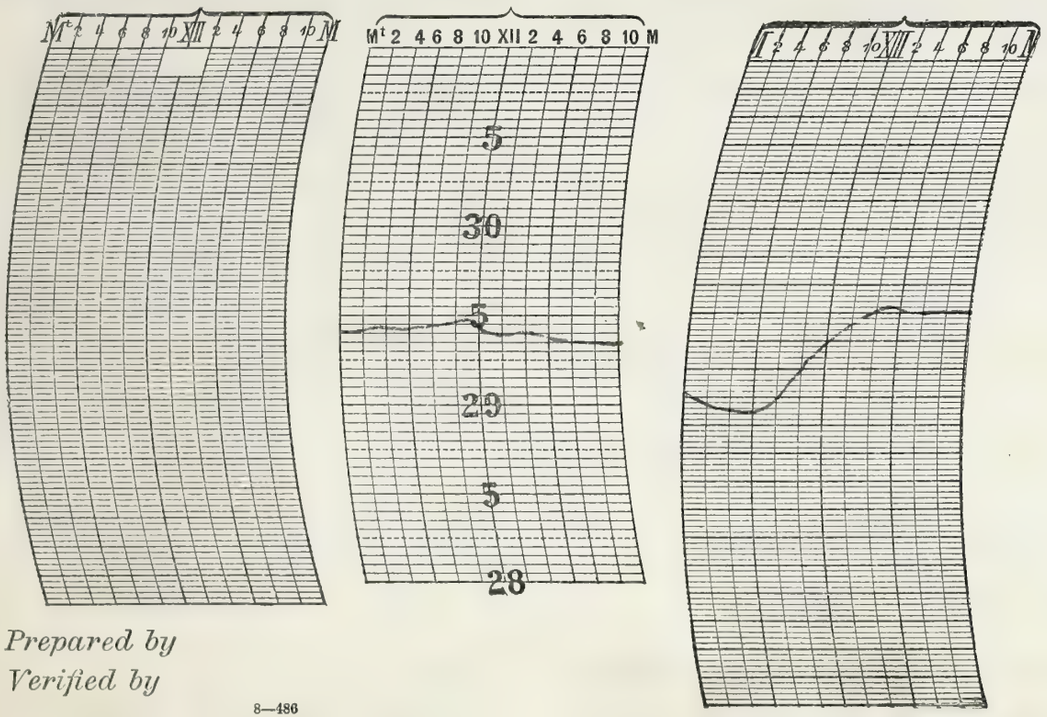
Total depth of snow for 24 hours ending 7 p. m., 0 in.
Snow on ground 7 p. m., 7 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 in
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 2
Actual sunshine, hours, 10.3
Possible sunshine, hours, 12.5
Percentage of possible sunshine, 82
Prevailing direction SW
Total movement, 304
Average hourly velocity, 12.7

Maximum velocity,	Direction,	Time.
24	S	2.00 p.m.

Extreme velocity, 24

Relative humidity, 78 a. m. 72 p. m.
Reduced barometer, 30.43 a. m. 30.31 p. m.
River gage, 25.1 ft.

NOTES.



Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAR 29 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	35	35	34	34	34	36	37	40	43	45	48	50	51	52	53	53	52	50	48	48	47	47	46
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions									Clear				Clear		Cloudy									
Sunrise: Time, Character,	5.29 Clear																				Sunset: Time, 6.02 Character, Cloudy			
Sunshine (in tenths of hours)						.52 0	1.0 0	.22 0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.5	0	0	0					
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S	SW	S	S	S	S	S	S	S	SW	SW	SW	S
Wind movement	14	13	12	11	13	11	15	13	17	15	17	17	21	23	20	18	15	11	11	11	13	11	10	10
Maximum velocities (exceeding 29 miles) direction and time																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.															
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

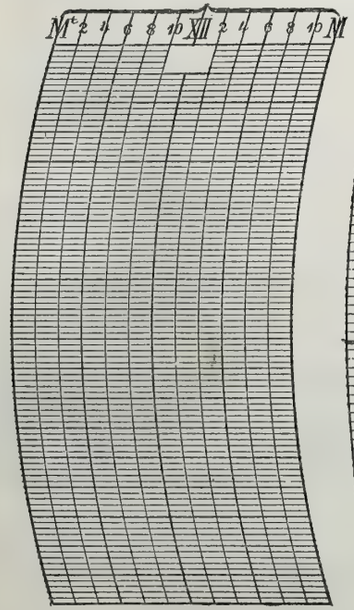
	Maximum.	Minimum.	Mean.	Normal.
	53	34	44	

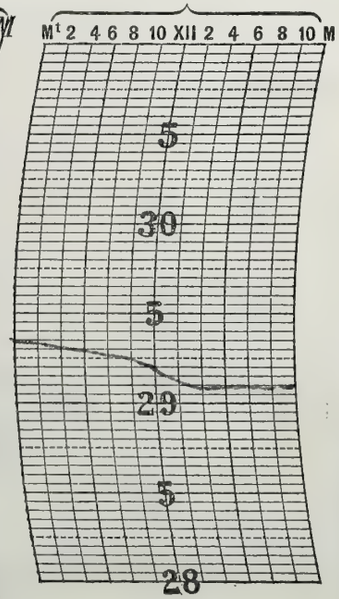
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase Last Quarter
Average daily cloudiness (0–10) 2
Actual sunshine, hours, 9.8
Possible sunshine, hours, 12.6
Percentage of possible sunshine, 78
Prevailing direction S
Total movement, 342
Average hourly velocity, 14.2

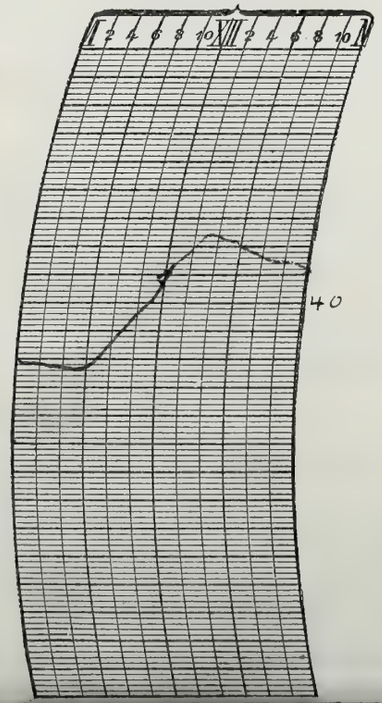
Maximum velocity,	Direction,	Time.
26	SW	1.25 p m

Extreme velocity, 29
Relative humidity, 78 a. m. 51 p. m.
Reduced barometer, 30.24 a. m. 30.02 p. m.
River gage, 23.7 ft.

NOTES.







Prepared by
Verified by

8—486

Form No. 1011—Mct 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind, (Day of week) Sunday, (Date) MAR 30 1913, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	46	46	46	46	46	46	48	52	55	57	60	60	60	60	60	58	58	59	59 RB 7.46	60	59	52	54 RE 11.13
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																				T	T	.02	.12	T
Cloudiness and other conditions									Clear				Cloudy											
Sunrise: Time, 5.28 Character, Clear						.53	0.9																	
Sunset: Time, 6.03 Character, Cloudy																								
Sunshine (in tenths of hours)						0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0	0	0	0	0					
Wind direction	S	S	SW	S	S	S	S	S	SW	SW	SW	S	SW	SW	SW	SW	S	S	S	SW	S	S	SW	SW
Wind movement	10	9	8	10	10	10	12	12	16	17	18	15	22	20	18	14	14	15	17	19	23	27	35	24
Maximum velocities (exceeding 24 miles) direction and time																							56 SW 10.30	

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

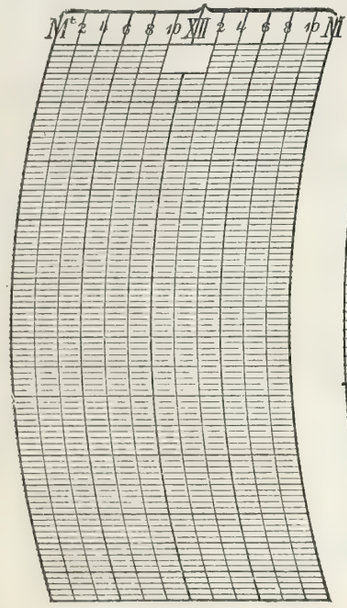
	Maximum.	Minimum.	Mean.	Normal.
	60	46	53	

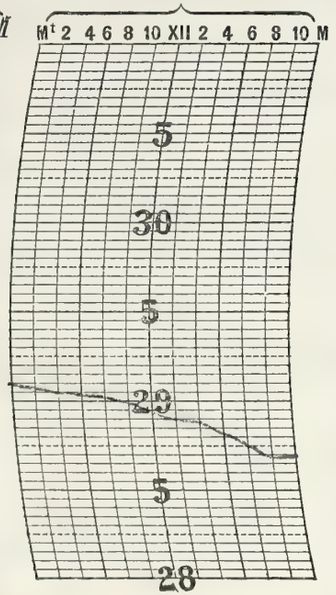
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .14 inches.
Character of day, R Cloudy Moon phase,
Average daily cloudiness (0-10) 6.4
Actual sunshine, hours, 8.5
Possible sunshine, hours, 12.6
Percentage of possible sunshine, 67
Prevailing direction
Total movement, 395
Average hourly velocity, 16.5

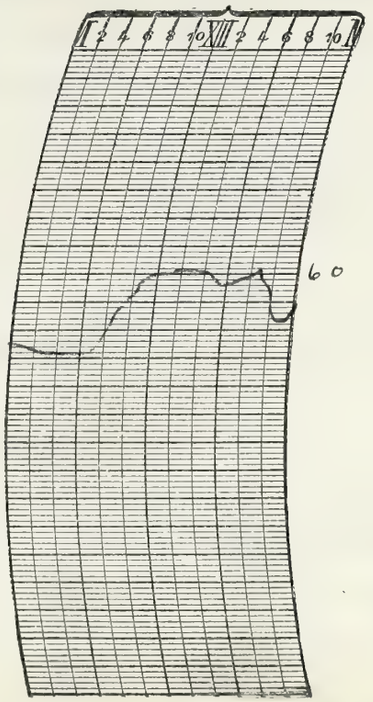
Maximum velocity,	Direction,	Time.
56	SW	10.30 p.m.

Extreme velocity, 57

Relative humidity, 68 a. m. 81 p. m.
Reduced barometer, 29.93 a. m. 29.68 p. m.
River gage, 22.2 ft







10.00 p.m.

NOTES.

Prepared by J.J.T.C.
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAR 31 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	52	50	48	46	46	45	45	42	44	47	49	50	50	51	50	47	46	45	44	44	43	42	42
State of weather: Nature of precipitation and time of beginning and ending							RB 6.35	RE 7.50																
Amounts of precipitation							T	T																
Cloudiness and other conditions								cloudy																
Sunrise: Time, 5.26 Character, Cloudy																					Sunset: Time, 6.04 Character, Clear			
Sunshine (in tenths of hours)				0		0	0	0	0.4	1.0	1.0	1.0	1.0	0.6	0.1	0.8	0.8	0	0					
Wind direction	23	19	22	24	26	23	25	24	21	20	19	21	22	21	19	22	23	17	17	12	10	11	11	12
Wind movement	SW	W	SW	W	W	W	W	W	NW	NW	W	W	W	W	W	W	W	W	W	W	W	W	W	W
Maximum velocities (exceeding 29 miles) direction and time				31 W 3.07	30 W 5.20	30 W 5.30																		

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

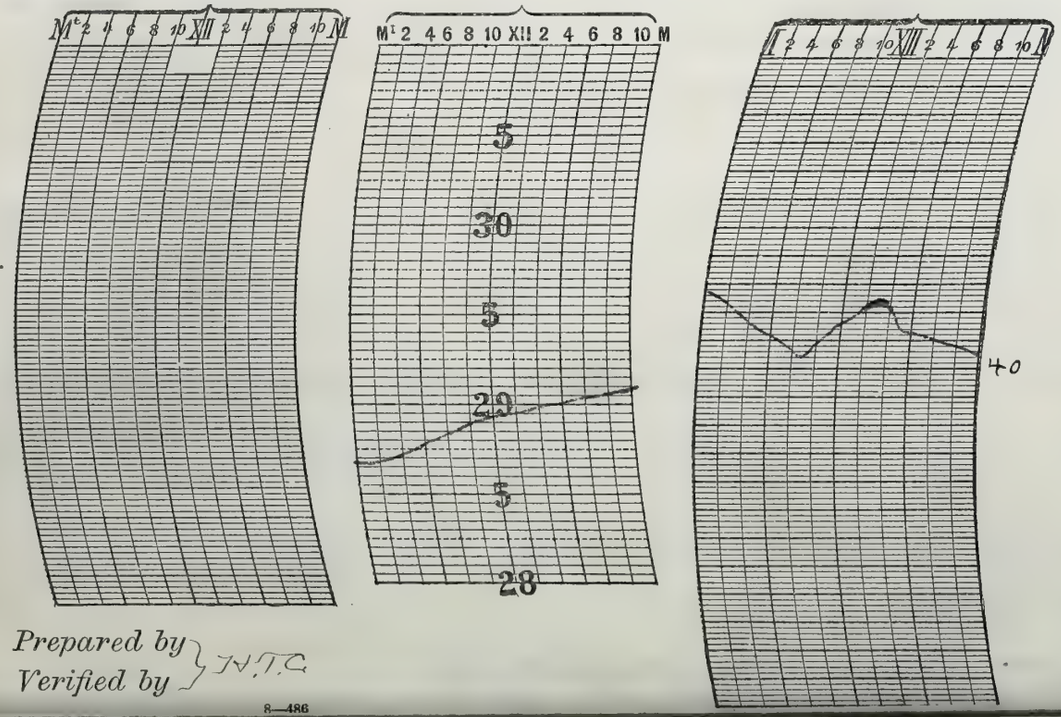
	Maximum.	Minimum.	Mean.	Normal.
	54	42	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10), 7.5
Actual sunshine, hours, 8.0
Possible sunshine, hours, 12.6
Percentage of possible sunshine, 63
Prevailing direction W
Total movement, 464
Average hourly velocity, 19.3

Maximum velocity,	Direction,	Time.
31	W	3.07 a.m.

Extreme velocity, 32
Relative humidity, 100 a. m. 82 p. m.
Reduced barometer, 29.72 a. m. 29.95 p. m.
River gage, 20.2 ft

NOTES.



Prepared by
Verified by } J.N.T.C.

8—486

FORM NO. 1014—Met 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) APR 1 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	41	41	40	40	39	41	45	48	51	53	54	53	56	56	56	55	53	50	50	50	49	47	48
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Clear						Clear										
Sunrise: Time, 5.24 Character, Clear																					Sunset: Time, 6.06 Character, Clear			
Sunshine (in tenths of hours)						.60 0	.08 0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.06 .04	.10 0					
Wind direction	W	W	W	W	W	W	W	W	W	W	W	W	NW	W	W	NW	W	NW	NW	NW	NW	NW	W	SW
Wind movement	14	14	13	11	11	10	12	13	11	15	20	23	23	22	21	18	15	8	7	4	2	1	4	4
Maximum velocities (exceeding 24 miles) direction and time	24 W 1.25 pm																							

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

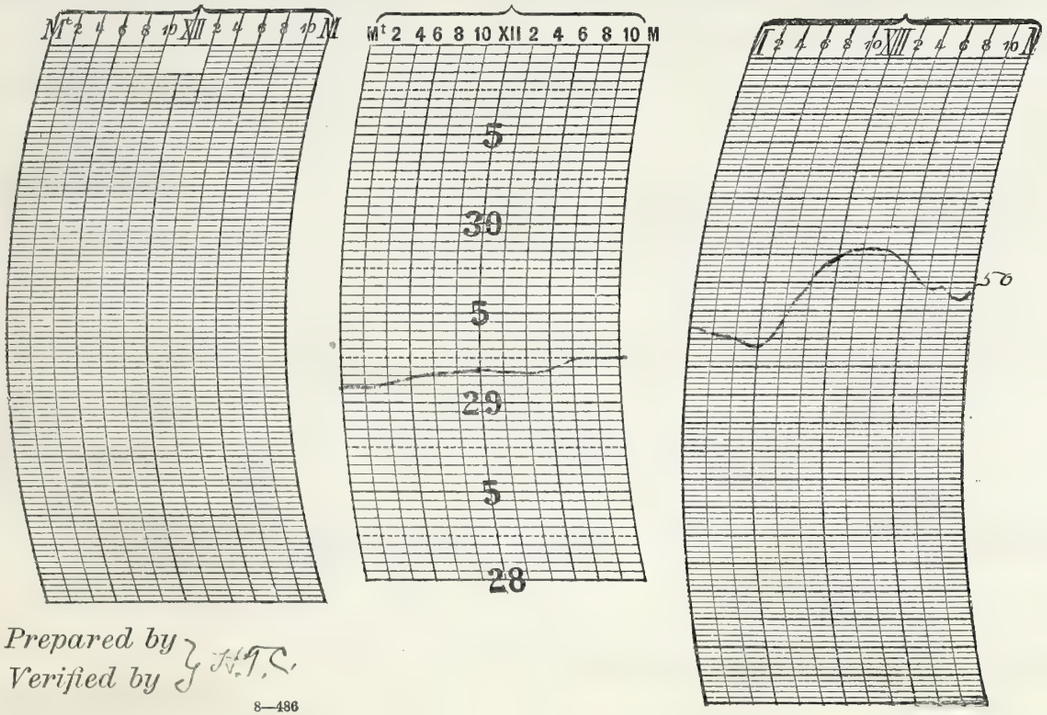
	Maximum.	Minimum.	Mean.	Normal.
	56	39	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 6 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 0
Actual sunshine, hours, 12.7
Possible sunshine, hours, 12.7
Percentage of possible sunshine, 100
Prevailing direction W
Total movement, 296
Average hourly velocity, 12.3

Maximum velocity,	Direction,	Time.
28	W	1.25 pm

Extreme velocity, 28
Relative humidity, 80 a. m. 81 p. m.
Reduced barometer, 30.07 a. m. 30.13 p. m.
River gage, 18.0 ft.

NOTES.



Prepared by
Verified by J.H.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) APR 2 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	49	48	46	47	47	51	47	45	44 (43)	44	45	46	49	53	58	60	60	54	52	53	52	50	48	50
State of weather: Nature of precipitation and time of beginning and ending							RB 6.03		RE 8.50															
State of weather: Amounts of precipitation							.01	.02	.02															
State of weather: Cloudiness and other conditions									Cloudy						Clear									
Sunrise: Time, Character,	5.23 Cloudy																							
Sunshine (in tenths of hours)						0	0	0	0	0	0.3	0.5	1.0	1.0	1.0	1.0	0.1 0.7	1.0 0	.12 0					
Sunset: Time, Character,																					6.07 Clear			
Wind direction	S	SE	E	E	SE	S	SE	E	SE	E	E	SE	SE	SE	SE	E	E	E	E	E	NE	E	E	SE
Wind movement	4	3	5	7	5	6	4	5	9	9	11	12	12	13	11	9	12	11	10	8	4	6	6	3
Maximum velocities (exceeding 29 miles) direction and time	29																							

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

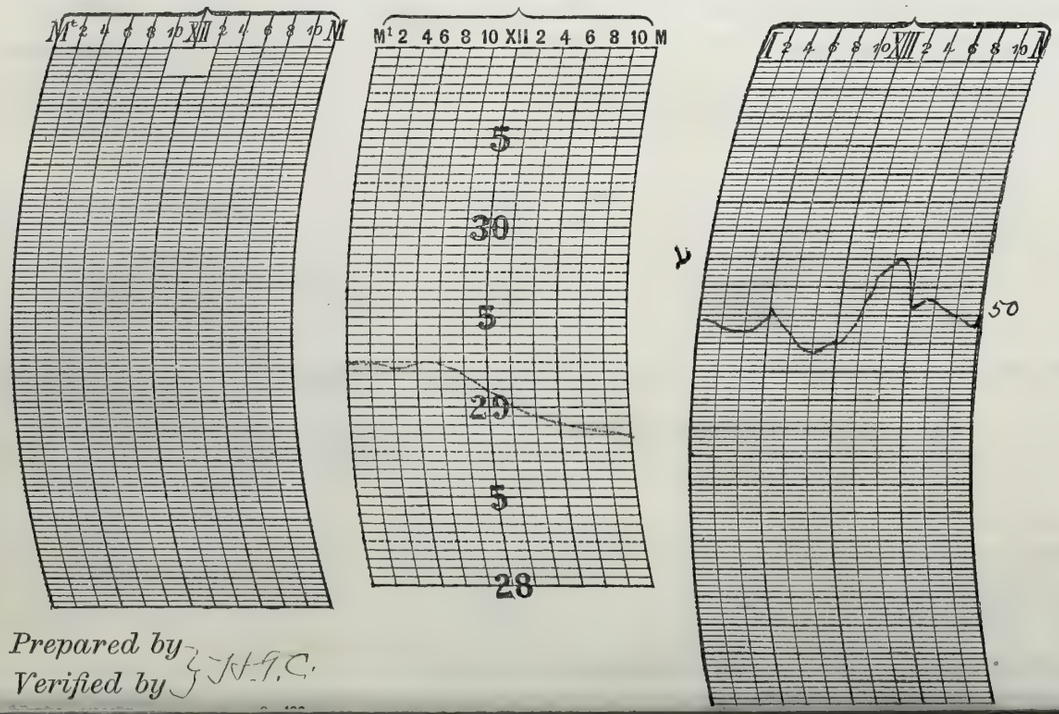
Maximum.	Minimum.	Mean.	Normal.
60	43	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m. .04 ins.
Total precipitation, midnight to midnight, .05 inches.
Character of day, P.Cloudy. Moon phase,
Average daily cloudiness (0–10) 5
Actual sunshine, hours, 6.1
Possible sunshine, hours, 12.7
Percentage of possible sunshine, 53
Prevailing direction E
Total movement, 185
Average hourly velocity, 7.7

Maximum velocity,	Direction,	Time.
17	SE	11.20 a.m.

Extreme velocity, 17
Relative humidity, 100 a. m. 75 p. m.
Reduced barometer, 30.16 a. m. 29.81 p. m.
River gage, 15.7 ft.

NOTES.



Prepared by
Verified by J.N.T.C.

Form No. 1012—Mod 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) APR 3 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	60	61	62	63	63	64	64	63	62	64	61	63	65	65	65	65	65	64	63	63	62	62	62
State of weather: Nature of precipitation and time of beginning and ending					RB DN RE DN				RB 8.10 RE 9.00		RB 10.10	RE 11.40				0					RB 8.20			
State of weather: Amounts of precipitation					T				.08		T	T									.02	.01	.01	.01
State of weather: Cloudiness and other conditions									Cloudy						Cloudy									
Sunrise: Time, Character	5.21 Cloudy																							
Sunset: Time, Character																					6.08 Cloudy			
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0.1	0.3	0	0	0	0	0					
Wind direction	S	SW	SW	SW	S	S	S	SW	SW	S	S	S	SW	SW	SW	SW	SW	SW	SW	S	SW	S	S	S
Wind movement	11	13	15	16	18	20	22	19	13	13	22	26	32	31	26	23	19	16	14	13	16	12	15	17
Maximum velocities (exceeding 29 miles) direction and time											30 S 10.50	30 S 11.20	35 S 12.10	36 SW 1.45	31 SW 2.10	30 SW 3.15								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

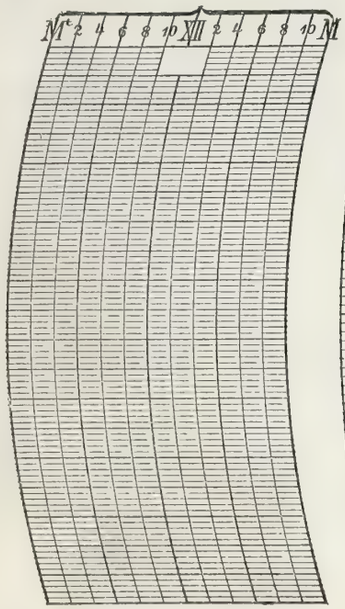
	Maximum.	Minimum.	Mean.	Normal.
	65	50	58	

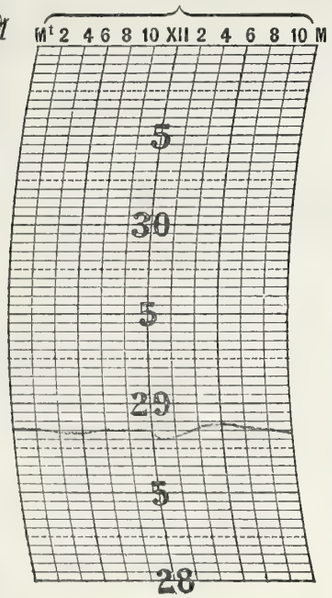
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches. .08
Precipitation to 7 a. m., T ins.; to 7 p. m., .09 ins.
Total precipitation, midnight to midnight, .13 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10),
Actual sunshine, hours, 0.4
Possible sunshine, hours, 12.8
Percentage of possible sunshine, 3
Prevailing direction SW
Total movement, 442
Average hourly velocity, 18.4

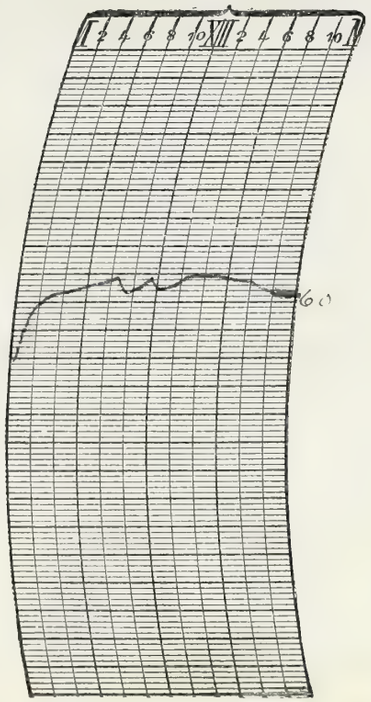
Maximum velocity,	Direction,	Time.
36	SW	1.45p

Extreme velocity, 36

Relative humidity, 82 a. m. 82 p. m.
Reduced barometer, 29.70 a. m. 29.76 p. m.
River gage, 13.2 ft.







NOTES.

7.40 a.m.

Prepared by
Verified by H.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) APR 4 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	61	60	60	60	58	58	56	54	52	49	47	46	44	43	42	40	39	38	38	38	38	38	38
State of weather: Nature of precipitation and time of beginning and ending								RE 7.20								RB 3.10 RE 3.55								
State of weather: Amounts of precipitation	T	T	T	T	T	T	T	T								.01								
State of weather: Cloudiness and other conditions								Cloudy						Cloudy										
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	W	W	NW	W	W	W	W	W	W
Wind movement	20	15	14	17	16	16	17	20	23	26	27	27	28	27	27	25	19	21	19	15	20	21	17	9
Maximum velocities (exceeding 29 miles) direction and time										30 SW 9.45	30 SW 10.55	31 SW 11.20	33 SW 12.40	31 SW 1.50	30 SW 2.25	30 W 3.50								

Sunrise: Time, 5.19; Character, Cloudy

Sunset: Time, 6.09; Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

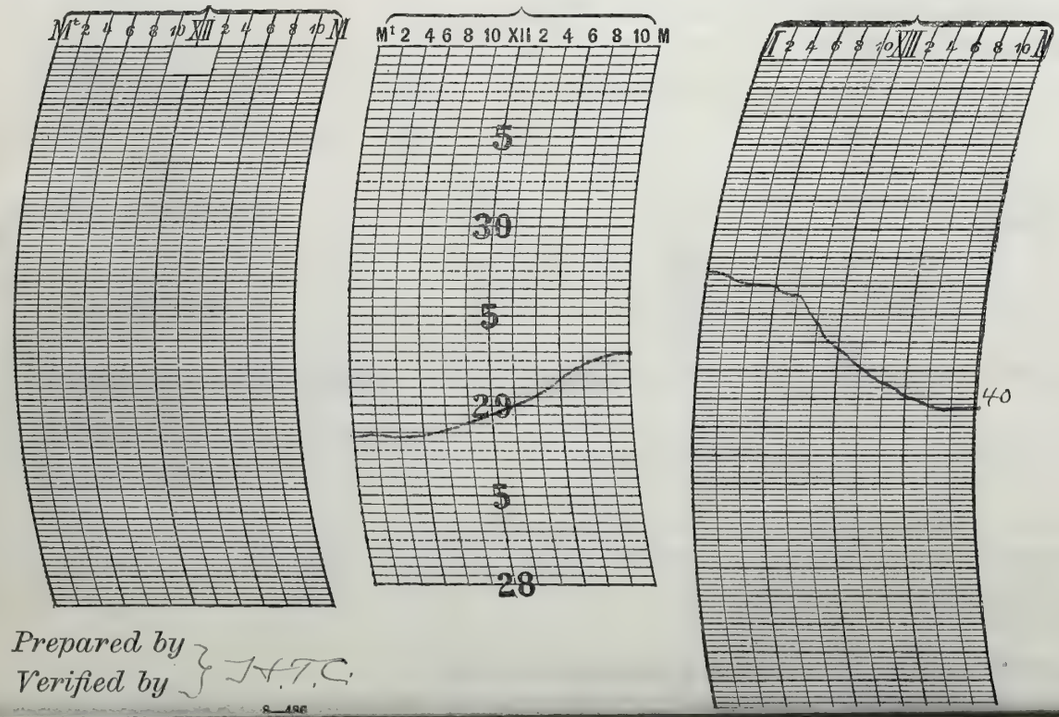
	Maximum.	Minimum.	Mean.	Normal.
	62	38	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .05 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0
Possible sunshine, hours, 12.8
Percentage of possible sunshine, 0
Prevailing direction SW
Total movement, 486
Average hourly velocity, 20.2

Maximum velocity,	Direction,	Time.
33	SW	12.40pm.

Extreme velocity, 33
Relative humidity, 100 a. m. 83 p. m.
Reduced barometer, 29.72 a. m. 30.12 p. m.
River gage, 12.5ft.

NOTES.



Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) APR 5 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	38	39	37	35	35	37	38	39	41	42	46	46	46	48 46	48	45	43	41	38	37	36	35	33
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Clear		×Rcloudy					×	Clear										
Sunrise: Time, 5.17 Character, Clear																					Sunset: Time, 6.10 Character, Clear			
Sunshine (in tenths of hours)						.72 0	0.7 0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9 0.1	.16 0					
Wind direction	SW	SW	SW	W	W	W	W	W	W	W	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	12	13	14	14	14	11	10	14	16	20	21	20	22	21	19	20	21	16	12	10	8	8	8	9
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	48	33	40	

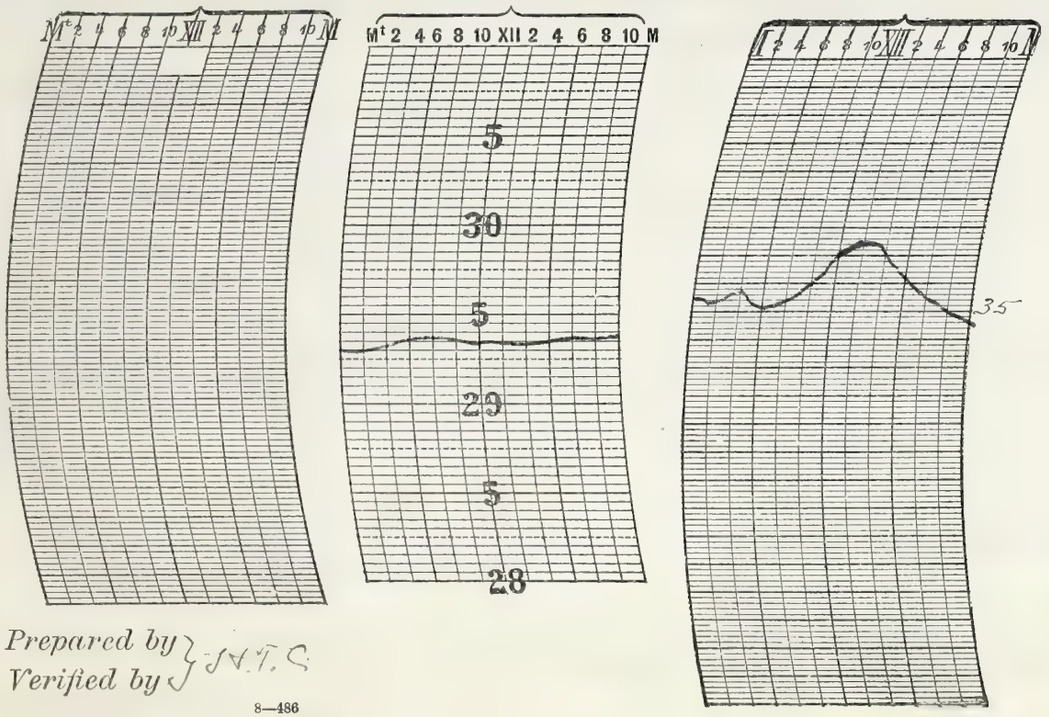
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 2
Actual sunshine, hours, 12.4
Possible sunshine, hours, 12.9
Percentage of possible sunshine, 100
Prevailing direction W
Total movement, 353
Average hourly velocity, 14.8

Maximum velocity,	Direction,	Time.
26	W	12.15 p m.

Extreme velocity, 27

Relative humidity, 83 a. m. 77 p. m.
Reduced barometer, 30.30 a. m. 30.28 p. m.
River gage, 12.0 ft.

NOTES.



Prepared by } J.A.T.C.
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) APR 6 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	32	31	31	31	32	34	37	40	43	45	46	46	48	47	45	44	40	40	35	33	32	31	30
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions									Clear						Clear									
Sunrise: Time 5.16, Character, Clear																					Sunset: Time 6.11, Character, Clear			
Sunshine (in tenths of hours)						0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0					
Wind direction	NW	NW	W	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	NW
Wind movement	6	5	7	9	9	10	12	13	16	19	21	18	18	20	18	17	16	14	11	9	10	8	7	6
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	48	30	39	

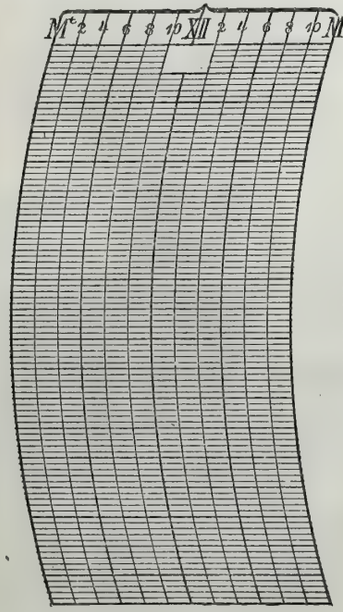
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, New Moon
Average daily cloudiness (0–10) 0
Actual sunshine, hours, 12.9
Possible sunshine, hours, 12.9
Percentage of possible sunshine, 100
Prevailing direction NW
Total movement, 301
Average hourly velocity, 12.6

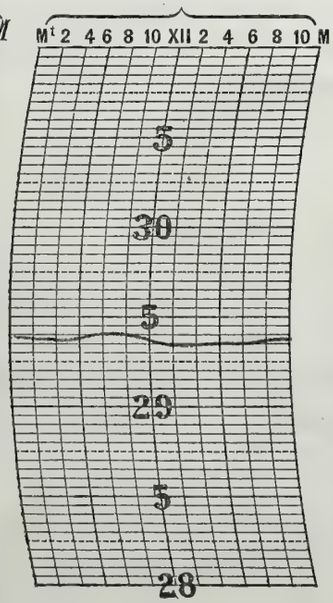
Maximum velocity,	Direction,	Time.
25	NW	10.05 a.m.

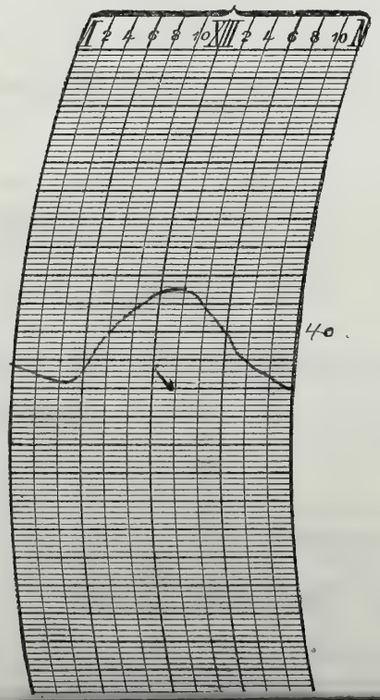
Extreme velocity, 25

Relative humidity, 76 a. m. 76 p. m.
Reduced barometer, 30.33 a. m. 30.27 p. m.
River gage, 11.3 ft.

NOTES.







Prepared by
Verified by J.H.T.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) [illegible], (Day of week) Monday, (Date) APR 7 1913, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	30	29	28	27	28	31	34	35	35	37	40	39	34	40	39	38	37	36	33	32	31	31	30
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear		Cloudy						Pt Cloudy									
Sunrise: Time, 5.14 Character, Clear																					Sunset: Time, 6.12 Character, Cloudy			
Sunshine (in tenths of hours)						.77 0	0.3 0.7	1.0	0.8	0	0.6	1.0	1.0	0.7	0.8	0.5	0	0	0					
Wind direction	N	N	N	N	N	NE	NE	NE	NE	NE	E	E	E	NE	NE	NE	NE	NE	E	E	E	E	NE	E
Wind movement	5	5	7	8	7	7	8	10	10	11	10	9	11	11	10	14	15	12	10	11	12	11	11	9
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

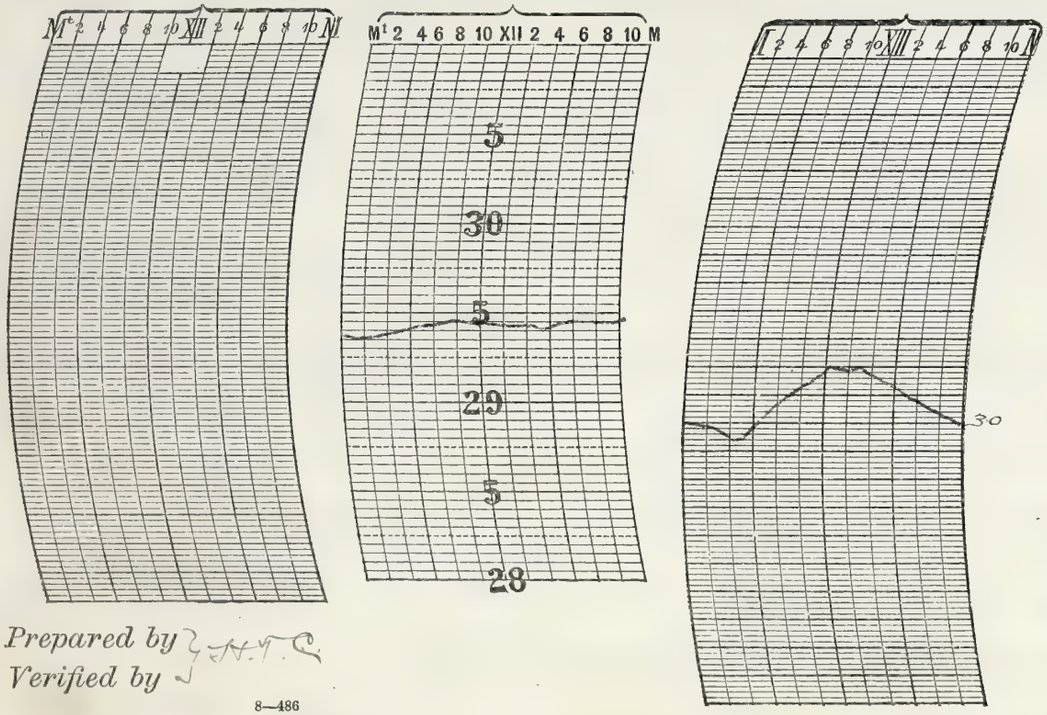
Maximum.	Minimum.	Mean.	Normal.
40	27	34	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10),
Actual sunshine, hours, 8.2
Possible sunshine, hours, 13.0
Percentage of possible sunshine, 63
Prevailing direction NE
Total movement, 234
Average hourly velocity, 9.8

Maximum velocity,	Direction,	Time.
18	NE	4.15 p.m.

Extreme velocity, 18
Relative humidity, 74 a. m. 87 p. m.
Reduced barometer, 30.38 a. m. 30.39 p. m.
River gage, 10.0 ft.

NOTES.



Prepared by [illegible]
Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind., (Day of week) Tuesday, (Date) APR 8 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	30	29	29	28	28	28	30	31	35	37	40	43	45	46	46	45	43	41	40	38	37	37	37	38
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Cloudy						Cloudy										
Sunrise: Time, Character,	5.13 Cloudy																				Sunset: Time, Character, 6.13 Cloudy			
Sunshine (in tenths of hours)						0	0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0	0	0	0					
Wind direction	ME	ME	ME	ME	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	9	9	11	11	11	11	11	10	13	16	15	16	18	19	18	19	17	18	16	16	16	16	17	18

Maximum velocities (exceeding 29 miles) direction and time

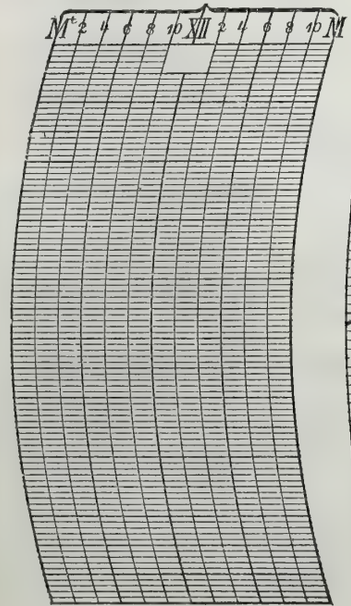
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

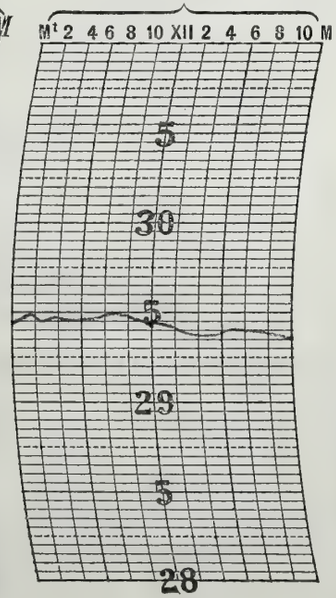
	Maximum.	Minimum.	Mean.	Normal.
	46	28	37	

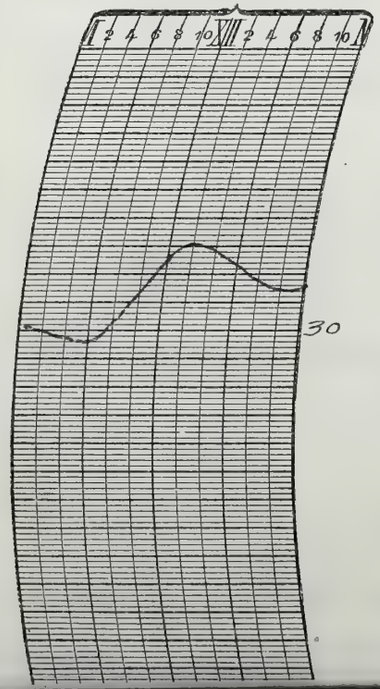
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10) 9
Actual sunshine, hours, 6.1
Possible sunshine, hours, 13.0
Percentage of possible sunshine, 52
Prevailing direction E
Total movement, 351
Average hourly velocity, 14.6

Maximum velocity,	Direction,	Time.
24	E	1.40 p.m

Extreme velocity, 24
Relative humidity, 73 a. m. 76 p. m.
Reduced barometer, 30.42 a. m. 30.35 p. m.
River gage, 9.1 ft







NOTES.

Prepared by
Verified by } H.T.C.

Form No. 1014—Met. 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wright, Iowa, (Day of week) Wednesday, (Date) APR 9 1913, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	37	37	36	35	35	35	35	35	35	35	36	37	37	37	38	38	38	38	38	38	38	39	40	40
State of weather: Nature of precipitation and time of beginning and ending			RB DN																					
State of weather: Amounts of precipitation			.01	.02	.03	.03	.05	.03	.02	T	.01	T	.03	.04	.05	.02	.02	.04	.04	.05	.02	T	T	T
State of weather: Cloudiness and other conditions									Cloudy						Cloudy									
Sunrise: Time, 5.11 Character, Cloudy																								
Sunset: Time, 6.14 Character, Cloudy																								
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Wind direction	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	20	20	17	17	16	13	15	16	16	14	15	14	16	16	13	18	18	19	19	17	17	15	11	11
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

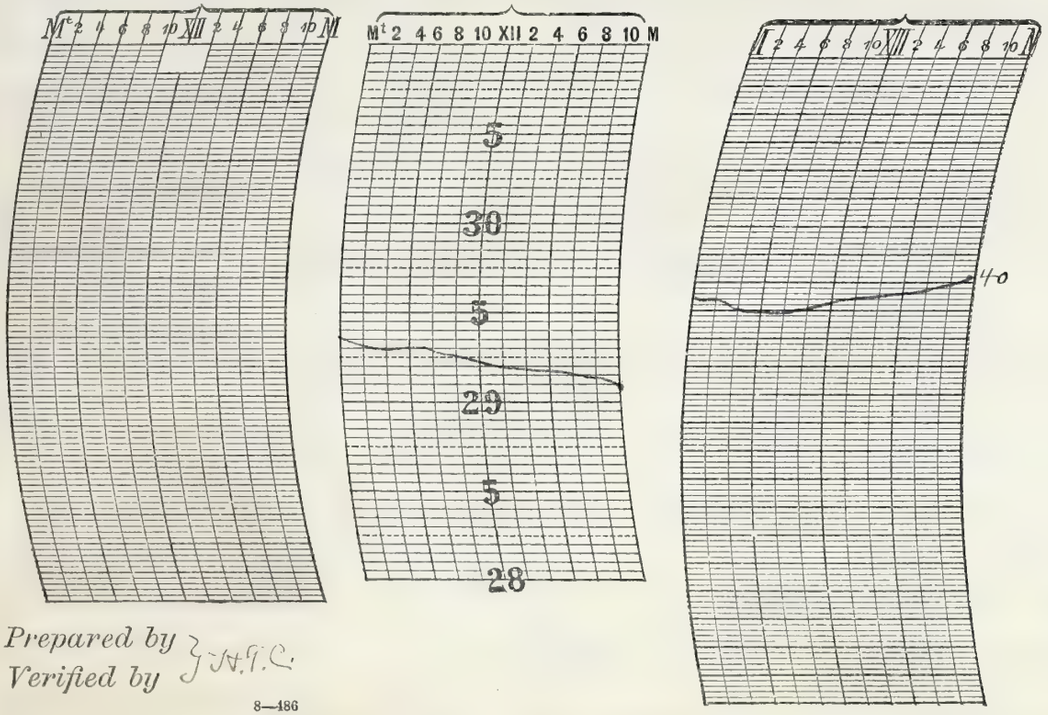
Maximum.	Minimum.	Mean	Normal.
41	35	38	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .14 ins.; to 7 p. m., .30 ins.
Total precipitation, midnight to midnight, .51 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 10.0
Actual sunshine, hours, 0
Possible sunshine, hours, 13.0
Percentage of possible sunshine, 0
Prevailing direction E
Total movement, 383
Average hourly velocity, 14.0

Maximum velocity,	Direction,	Time.
26	E	1.25 a.m.

Extreme velocity, 26
Relative humidity, 100 a. m. 100 p. m.
Reduced barometer, 30.24 a. m. 30.10 p. m.
River gage, 8.4 ft.

NOTES.



Prepared by J.H.P.C.
Verified by

8—186

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) APR 10 1913, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	41	41	41	42	43	45	49	50	50	51	52	57 (58)	57	56 RB 1.04	56	55	54	54	54	53 RE 9.15	52	51	50	50
State of weather. Nature of precipitation and time of beginning and ending												RE 11.15												
Amounts of precipitation	T	.04	.12	.10	.08	.03	.05	.06	.02	T	.01	T		.04	.12	.38	.06	.06	.02	T				
Cloudiness and other conditions							—	Cloudy	—					—	Cloudy	—								
Sunrise: Time, 5.09 Character, Cloudy																					Sunset: Time, 6.25 Character, Cloudy			
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0.2	0	0	0	0	0	0					
Wind direction	E	E	E	E	E	SE	SE	SE	SE	SE	SE	S	S	S	SE	S	S	S	SE	SE	S	SW	SW	SW
Wind movement	11	9	10	9	7	6	8	12	12	12	14	14	15	11	9	8	10	4	4	9	14	10	11	11
Maximum velocities (exceeding 29 miles) direction and time																								

	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

1 hours slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.
	58	41	50	

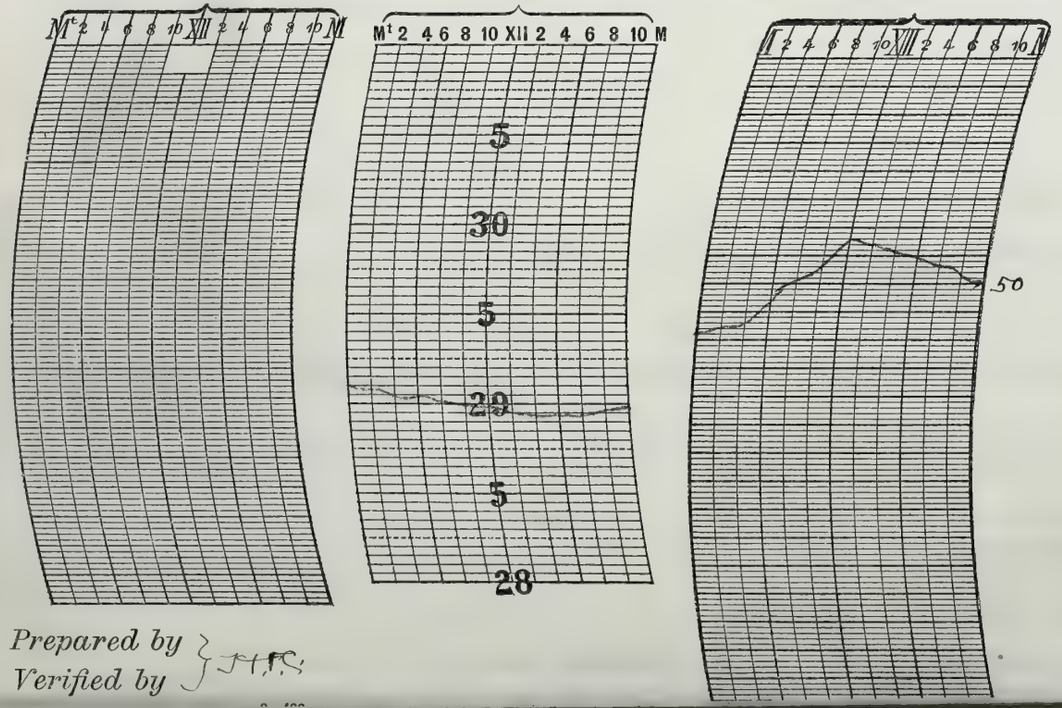
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .49 ins.; to 7 p. m., .78 ins.
Total precipitation, midnight to midnight, 1.20 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10) 9.10
Actual sunshine, hours, 0.2
Possible sunshine, hours, 13.1
Percentage of possible sunshine, 2
Prevailing direction SE
Total movement, 240
Average hourly velocity, 10.0

Maximum velocity,	Direction,	Time.
17	S	12.15 p.m.

Extreme velocity, 17

Relative humidity, 100 a. m. 100 p. m.
Reduced barometer, 29.92 a. m. 29.84 p. m.
River gage, 8.8 ft.

NOTES.



Prepared by
Verified by

Form No. 1014—Met. 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) APR 11 1913, 191

Time (local standard), 90 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	47	46	45	45	44	44	44	44	44	42	42	44	45	46	45	44	44	44	43	43	42	42	42
State of weather: Nature of precipitation and time of beginning and ending										RB 9.10 RE 2.55														
Amounts of precipitation										.01														
Cloudiness and other conditions						Cloudy								Cloudy										
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0.5	0.2	0	0	0	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	SW
Wind movement	8	8	7	8	11	6	8	11	12	17	13	14	17	17	16	15	12	12	7	7	8	9	8	6
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5.08 Character, Cloudy

Sunset: Time, 6.16 Character, Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
50	41	46	

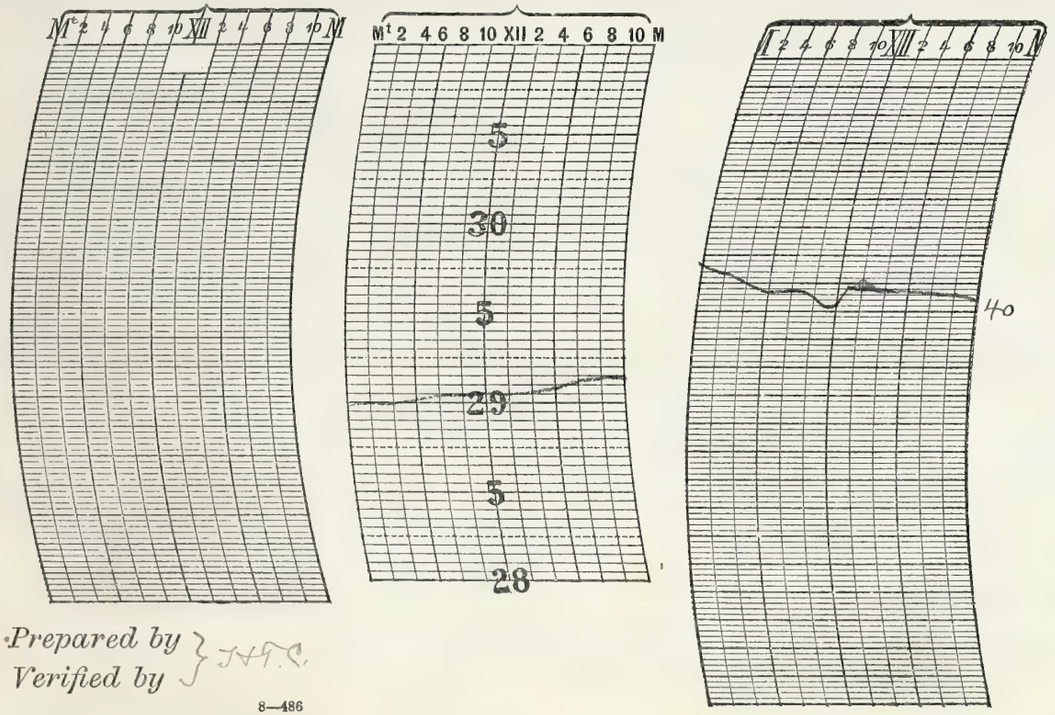
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 10
Actual sunshine, hours, 0.7
Possible sunshine, hours, 13.1
Percentage of possible sunshine, 5
Prevailing direction SW
Total movement, 257
Average hourly velocity, 10.7

Maximum velocity,	Direction,	Time.
22	SW	12.15 p.m.

Extreme velocity, 22

Relative humidity, 89 a. m. 96 p. m.
Reduced barometer, 29.96 a. m. 30.02 p. m.
River gage, 15.6 ft.

NOTES.



Prepared by
Verified by J.H.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) APR 12 1913, 191

Time (local standard), 90 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	42	41	40	41	40	40	41	41	41	40	41	42	42	43	44	42	42	41	41	41	41	40	40	40
State of weather. Nature of precipitation and time of beginning and ending																	RB 4.15 RE 5.25	TE 5.25					RB DN	RE DN
Amounts of precipitation																	T	T					T	.01
Cloudiness and other conditions								Cloudy							Cloudy									
Sunrise: Time, 3.06 Character, Cloudy																					Sunset: Time, 6.17 Character, Cloudy			
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0	0	0	0	0						
Wind direction	SW	W	NW	SW	W	SW	S	SW	NW	N	N	NE	NE	NE	NE	N	NE	NE	NE	N	N	NE	NE	NE
Wind movement	6	7	4	3	3	3	3	3	5	6	5	5	6	5	6	8	8	10	9	8	9	12	10	11
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

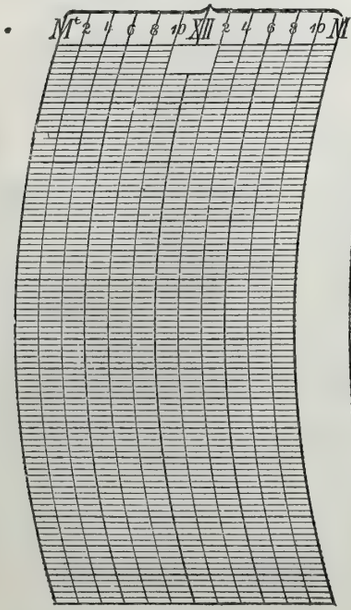
1 hours slower than 75th meridian time.

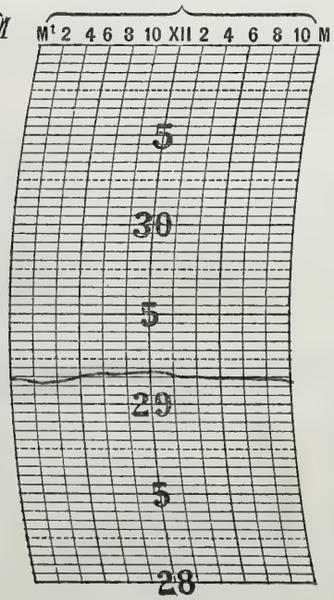
Maximum.	Minimum.	Mean.	Normal.
44	40	42	

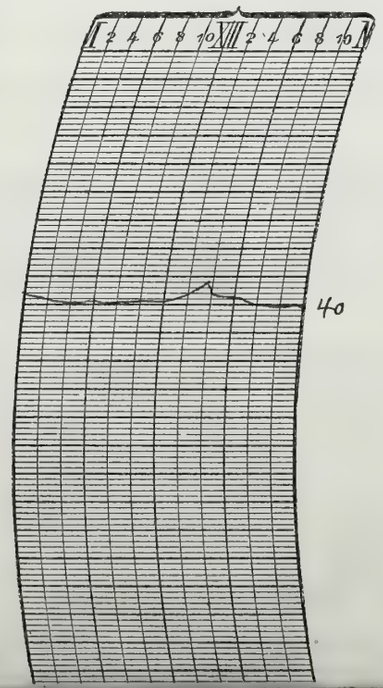
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 10
Actual sunshine, hours, 0
Possible sunshine, hours, 13.2
Percentage of possible sunshine, 0
Prevailing direction NE
Total movement, 155
Average hourly velocity, 6.5

Maximum velocity,	Direction,	Time.
15	NE	11.05 pm

Extreme velocity, 15
Relative humidity, 92 a. m. 92 p. m.
Reduced barometer, 30.08 a. m. 30.06 p. m.
River gage, 16.0 ft. 16.6 during night a.m.







NOTES.

Prepared by
Verified by } J.H.S.

FORM NO. 1014—METT.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) APR 13 1913, 191

Time (local standard), 90 mer. — ____ hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	39	38	37	36	36	38	38	40	42	46	47	48	48	48	48	48	49	48	47	46	42	41	39
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions										Pt Cloudy			Cloudy											
Sunrise: Time, 5.05 Character, Cloudy																					Sunset: Time, 6.18 Character, Cloudy			
Sunshine (in tenths of hours)						0	0	0	0.4	0.8	0.9	0.7	0.3	0	0	0	0	0	0					
Wind direction	NE	NE	NE	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Wind movement	12	13	13	8	7	7	9	10	10	9	12	11	11	10	11	10	10	8	7	6	6	6	7	7

Maximum velocities (exceeding 29 miles) direction and time 29

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

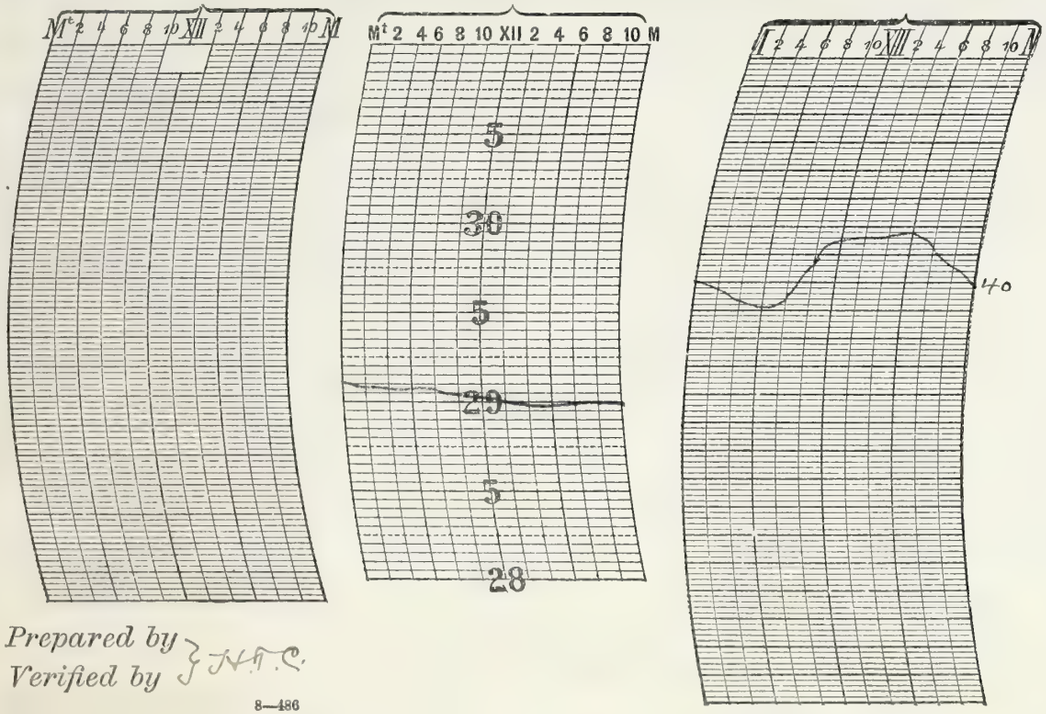
	Maximum.	Minimum.	Mean.	Normal.
	49	36	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) Cloudy 2
Actual sunshine, hours, 3.1
Possible sunshine, hours, 13.2
Percentage of possible sunshine, 23
Prevailing direction N
Total movement, 220
Average hourly velocity, 9.2

Maximum velocity,	Direction,	Time.
17	NE	12.45 p.m.

Extreme velocity, 18
Relative humidity, 91 a. m. 83 p. m.
Reduced barometer, 29.99 a. m. 29.90 p. m.
River gage, 15.1 ft.

NOTES.



Prepared by
Verified by H.H.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) APR 15 1913, 191

Time (local standard), 90 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	37	39	38	38	37	41	43	46	48	50	53	55	55	56	56	54	53	50	48	46	44	42	40
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						—	—	Clear	—	—	—	—	—	—	Clear	—	—	—	—					
Sunrise: Time, Character,	5.03 Clear																				Sunset: Time, 6.19 Character, Clear			
Sunshine (in tenths of hours)						9.5 0	0.1 0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	1.32 0					
Wind direction	N	N	N	N	N	N	N	N	NE	NE	NE	NE	N	N	N	N	N	N	N	N	N	N	N	N
Wind movement	8	6	6	6	7	6	9	13	15	18	17	16	21	18	19	18	17	13	12	10	13	12	9	8

Maximum 29 velocities (exceeding ___ miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
56	37	46	

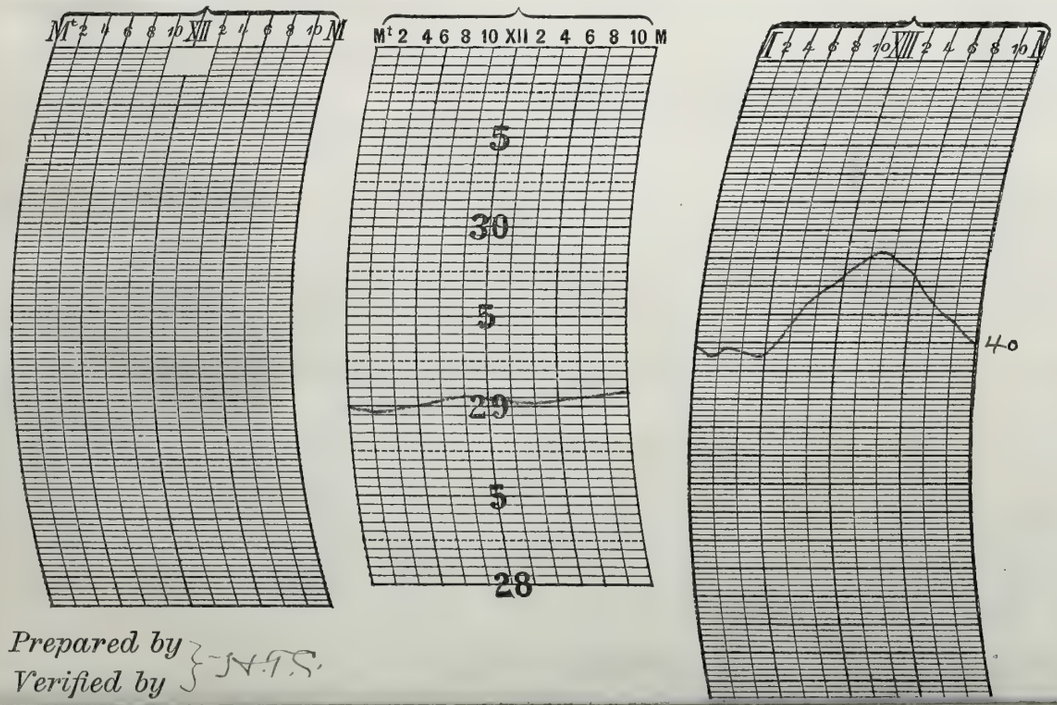
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, First Quarter
Average daily cloudiness (0-10) 0
Actual sunshine, hours, 13.3
Possible sunshine, hours, 13.3
Percentage of possible sunshine, 100
Prevailing direction N
Total movement, 397
Average hourly velocity, 12.4

Maximum velocity,	Direction,	Time.
24	N	3.05 pm

Extreme velocity, 24

	a. m.	p. m.
Relative humidity,	73	77
Reduced barometer,	29.92	29.95

River gage, 14.0 ft.



NOTES.

Prepared by
Verified by } H.T.S.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) APR 15 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	37	36	36	35	34	39	41	45	49	52	54	56	58	59	60	60	58	56	55	53	51	48	46
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Clear								Clear								
Sunrise: Time, 5.02 Character, Clear																					Sunset: Time, 6.20 Character, Clear			
Sunshine (in tenths of hours)						.97 0	0.1 0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5 0.5	1.3 0					
Wind direction	N	NE	N	N	N	N	N	NE	NE	NE	N	N	N	N	N	N	N	N	N	N	N	N	NW	NW
Wind movement	8	6	7	7	6	6	7	11	13	14	13	11	12	11	10	9	10	7	4	4	4	4	5	6
Maximum velocities (exceeding 29 miles) direction and time 1																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	60	34	47	

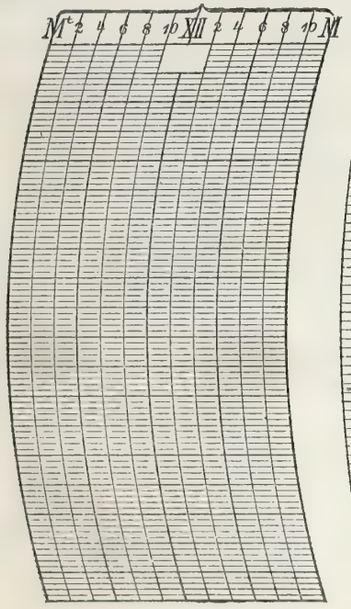
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 0
Actual sunshine, hours, 13.3
Possible sunshine, hours, 13.3
Percentage of possible sunshine, 100
Prevailing direction N
Total movement, 195
Average hourly velocity, 8.1

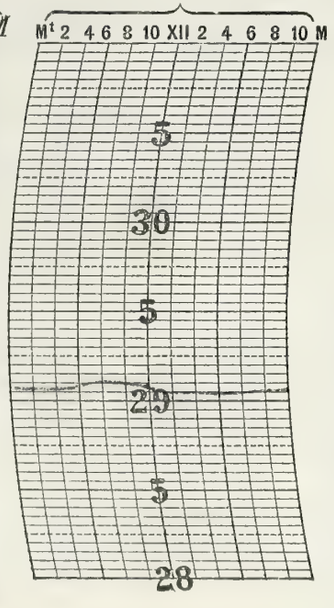
Maximum velocity,	Direction,	Time.
16	N	10.00 a.m.

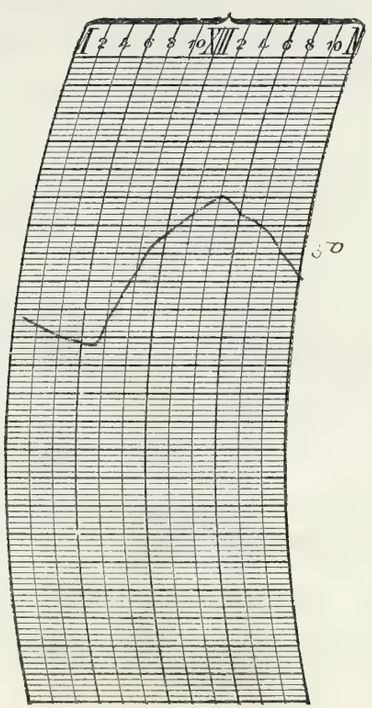
Extreme velocity, 16

	a. m.	p. m.
Relative humidity,	72	82
Reduced barometer,	30.02	29.95

River gage, 13.1 ft.







NOTES.

Light Frost in early morning

Prepared by
Verified by } H.T.S.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) [illegible], (Day of week) Wednesday, (Date) APR 16 1913, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	44	43	43	44	43	41	45	52	58	62	65	67	70	72	73 71	70	68	65	61	59	57	55	53	51
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Clear							Clear									
Sunrise: Time, 5.00 Character, Clear																					Sunset: Time, 6.21 Character, Clear			
Sunshine (in tenths of hours)						1.00 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5 5.35 0.5	0					
Wind direction	NW	N	N	N	N	NW	NW	NW	NW	W	W	W	NW	NW	NW	N	N	N	N	N	N	N	NE	NE
Wind movement	6	5	3	4	2	4	4	7	9	7	9	10	13	19	17	13	13	10	10	10	8	6	8	7
Maximum velocities (exceeding 2 miles) direction and time																								

	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
73	41	57	

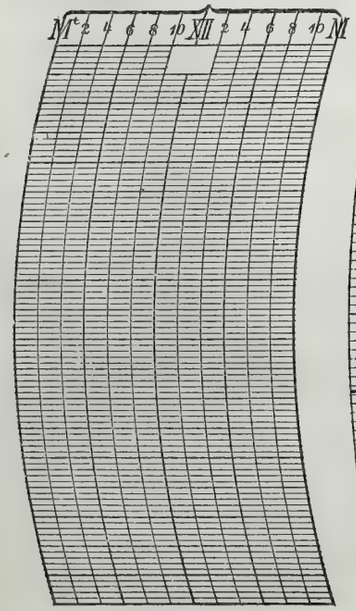
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10) 0
Actual sunshine, hours, 13.4
Possible sunshine, hours, 13.4
Percentage of possible sunshine, 100
Prevailing direction N
Total movement, 206
Average hourly velocity, 8.6

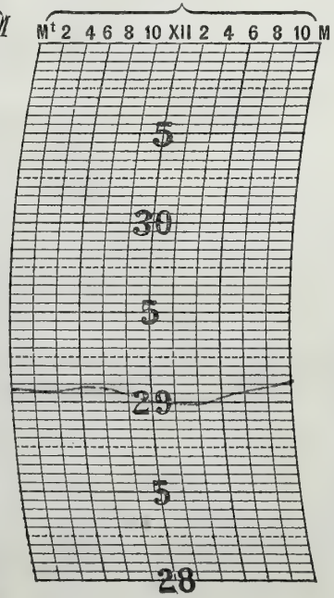
Maximum velocity,	Direction,	Time.
21	NW	2.45 p m.

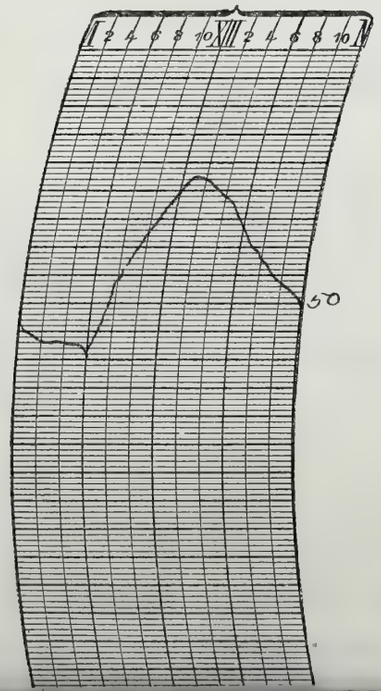
Extreme velocity, 21

	a. m.	p. m.
Relative humidity,	82	79
Reduced barometer,	29.99	29.94

River gage, 12.3 ft.







NOTES.

Prepared by J.H.C.
Verified by

Form No. 1014—Mo. 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wm. Ind., (Day of week) Thursday, (Date) APR 17 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	46	45	44	43	44	46	50	55	60	63	65	69	71	72	72	71	69	65	64	62	60	59	58
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions									Clear					Clear										
Sunrise: Time, 4.58 Character, Clear																					Sunset: Time, 6.23 Character, Clear			
Sunshine (in tenths of hours)					0	0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0					
Wind direction	N	NE	N	NE	NE	N	NE	SE	SE	S	S	SW	S	SW	SW	SW	S	S	S	S	S	SW	SW	SW
Wind movement	7	6	5	3	3	2	4	4	5	6	8	9	12	13	14	16	15	11	12	14	14	11	10	11
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

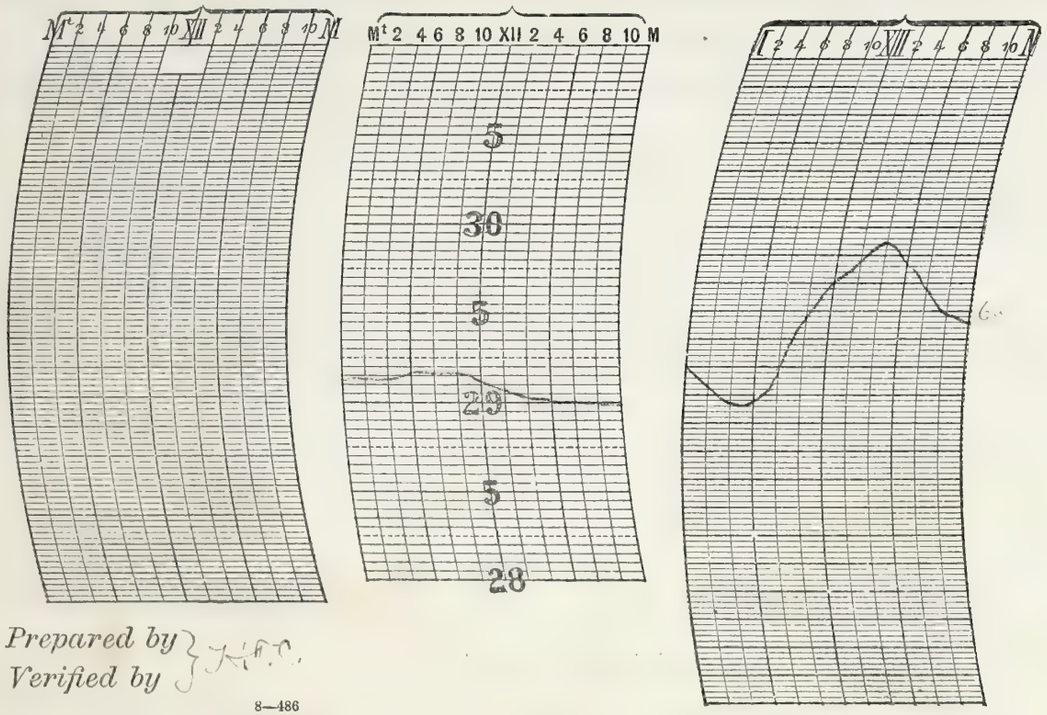
	Maximum.	Minimum.	Mean.	Normal.
	72	43	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 0
Actual sunshine, hours, 13.4
Possible sunshine, hours, 13.4
Percentage of possible sunshine, 100
Prevailing direction S
Total movement, 215
Average hourly velocity, 9.0

Maximum velocity,	Direction,	Time.
19	S	4.15 p.m.

Extreme velocity, 19
Relative humidity, 65 a. m. 78 p. m.
Reduced barometer, 30.07 a. m. 29.90 p. m.
River gage, 11.1 ft

NOTES.



Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) APR 18 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	57	56	55	53	52	55	60	65	70	72	74	75	74	74	73	69	65	62	61	59	57	55	52
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions									Clear						Pt Cloudy									
Sunrise: Time, 4.57 Character, Clear																					Sunset: Time, 6.23 Character, Cloudy			
Sunshine (in tenths of hours)					0	0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0	0	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	NW	NW	NW	NW	NW	NW	NW
Wind movement	12	12	10	10	10	7	7	7	7	11	16	20	22	25	25	21	16	17	13	10	7	11	10	9
Maximum velocities (exceeding 27 miles) direction and time																								

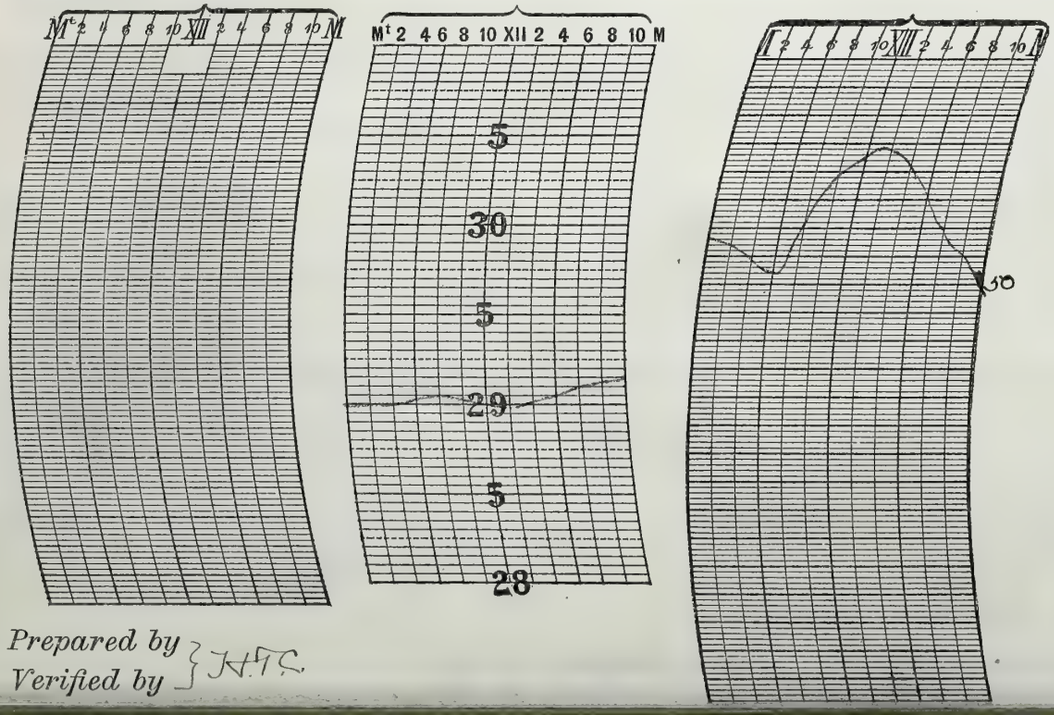
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum.	Minimum.	Mean.	Normal.
75	52	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 2.
Actual sunshine, hours, 10.0
Possible sunshine, hours, 13.4
Percentage of possible sunshine, 75
Prevailing direction SW
Total movement, 315
Average hourly velocity, 13.1

Maximum velocity,	Direction,	Time.
29	W	2.00 p.m

Extreme velocity, 29
Relative humidity, 71 a. m. 81 p. m.
Reduced barometer, 29.92 a. m. 29.95 p. m.
River gage, 4.9 ft.



NOTES.

Frost warnings called for from C. O.

Prepared by
Verified by } H.T.C.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) APR 19 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	46	44	42	41	38	40	43	45	49	52	54	55	56	56	57	55	51	48	46	45	43	41	39
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions									Clear															
Sunrise: Time, 4.56 Character, Clear																					Sunset: Time, 6.24 Character, Cloudy			
Sunshine (in tenths of hours)					0	0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.5	0					
Wind direction	NW	NW	NW	N	NW	N	N	N	N	N	N	N	NW	NW	NW	NW	NW	NW	NW	NW	N	N	N	N
Wind movement	11	10	9	12	13	10	10	8	10	8	9	8	13	16	16	16	17	18	16	13	10	7	7	6
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	57	38	48	

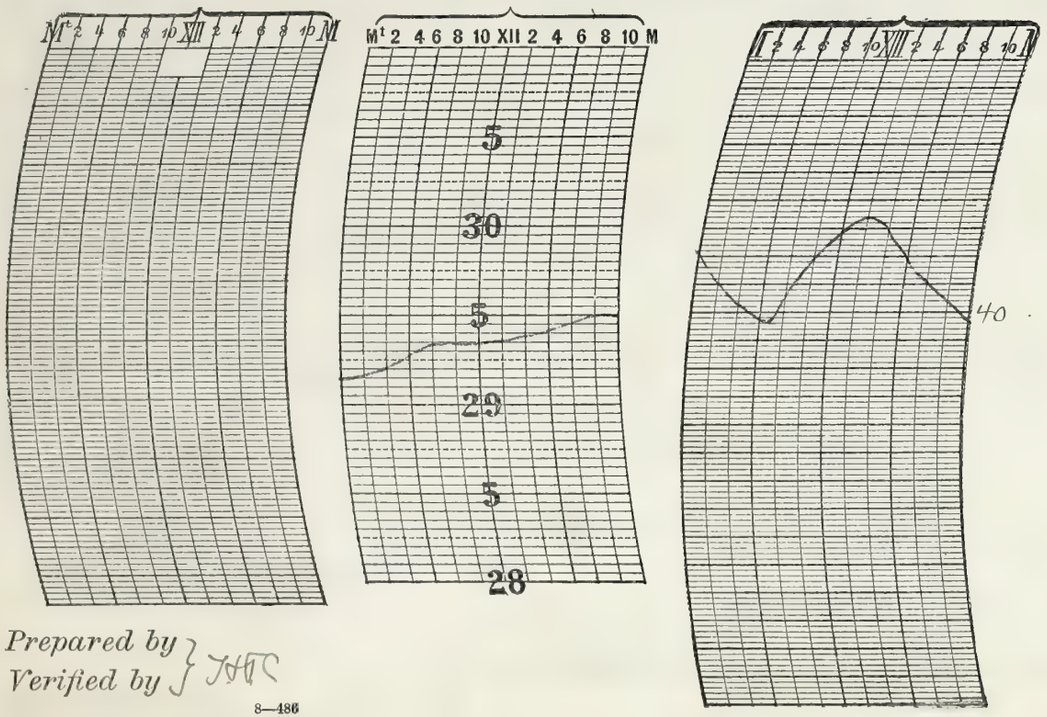
Total depth of snow for 24 hours ending 7 p. m., 0 inche
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 1
Actual sunshine, hours, 12.5
Possible sunshine, hours, 13.5
Percentage of possible sunshine, 93
Prevailing direction N, NW
Total movement, 277
Average hourly velocity, 11.6

Maximum velocity,	Direction,	Time.
22.	NW	4.56 p.m.

Extreme velocity, 22.

Relative humidity, 76 a. m. 83 p. m.
Reduced barometer, 30.23 a. m. 30.35 p. m.
River gage, 6.9 ft.

NOTES.



Prepared by
Verified by } JHC

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) APR 20 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	36	33	31	29	29	30	34	37	39	42	45	47	49	51	50	50	50	47	47	44	43	43	40
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear								Clear									
Sunrise: Time, Character,	4.54 Clear																				Sunset: Time, 6.26 Character, Clear			
Sunshine (in tenths of hours)					0	0	4.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0					
Wind direction	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	E	E	E	E	NE	E
Wind movement	8	12	11	10	9	8	11	12	10	9	9	9	11	8	7	8	8	6	5	4	5	4	4	4
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	57	29	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, Full Moon
Average daily cloudiness (0-10), 0
Actual sunshine, hours, 13.5
Possible sunshine, hours, 13.5
Percentage of possible sunshine, 100
Prevailing direction NE
Total movement, 192
Average hourly velocity, 8.0

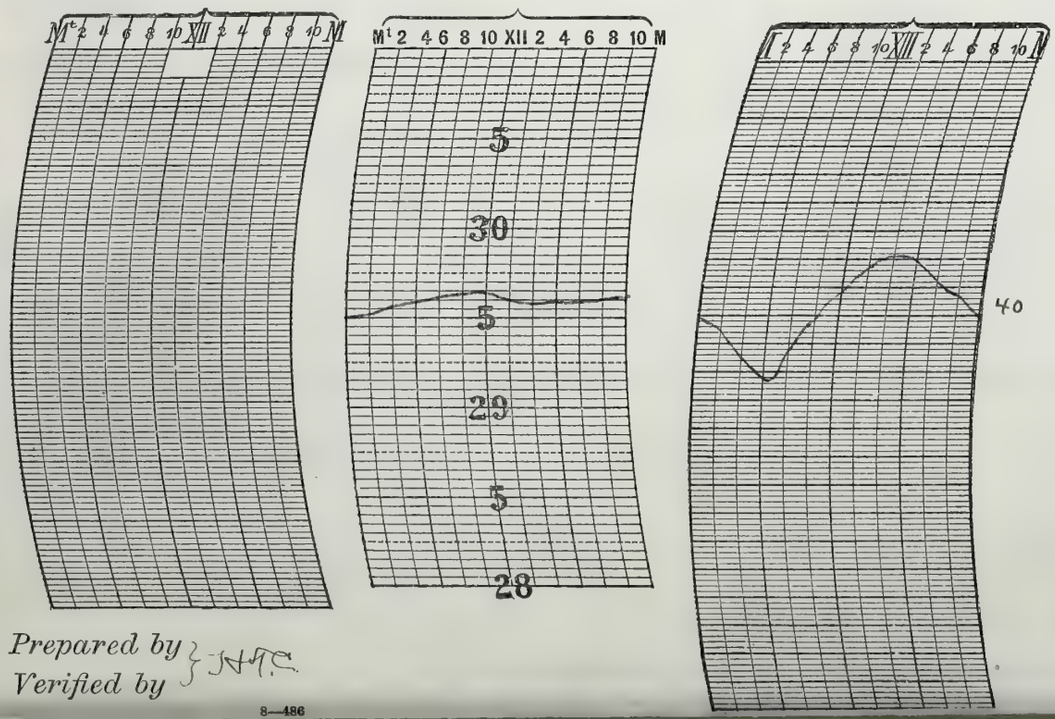
Maximum velocity,	Direction,	Time.
14	NE	1.40 a.m.

Extreme velocity, 15

Relative humidity, 68 a. m. 79 p. m.
Reduced barometer, 30.52 a. m. 30.49 p. m.
River gage, 5.4 ft.

NOTES.

Killing Frost



Prepared by
Verified by } H.P.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) APR 21 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	39	37	35	36	35	36	38	40	44	47	50	54	58	61	62	63	64	63	59	57	56	54	52	52
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Cloudy								Clear								
Sunshine (in tenths of hours)				0	0	0	0.3	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0					
Wind direction	SE	E	E	E	SE	SE	SE	SE	SE	SE	SE	SE	SE	S	S	S	S	S	S	SE	S	S	S	S
Wind movement	3	5	4	4	8	10	12	12	10	11	12	10	12	11	14	14	13	10	8	9	11	14	13	12

Sunrise: Time 4.53, Character Cloudy — Sunset: Time 6.27, Character Clear

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
64	35	50	

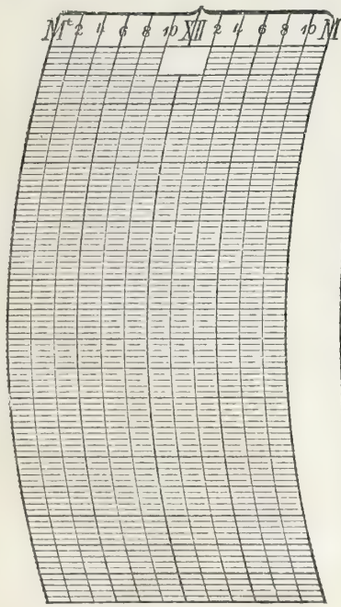
Total depth of snow for 24 hours ending 7 p. m., 0 in.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 in
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 2
Actual sunshine, hours, 11.4
Possible sunshine, hours, 13.6
Percentage of possible sunshine, 84
Prevailing direction SE
Total movement, 242
Average hourly velocity, 10.1

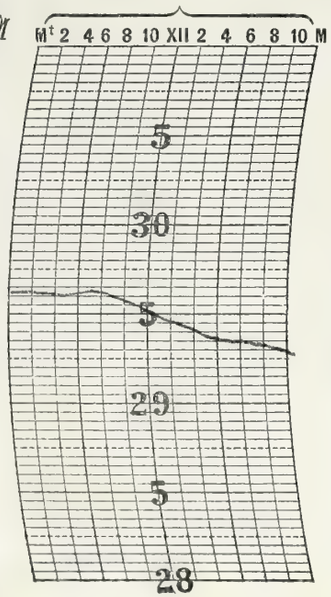
Maximum velocity,	Direction,	Time.
17	S	3.45 p.m.

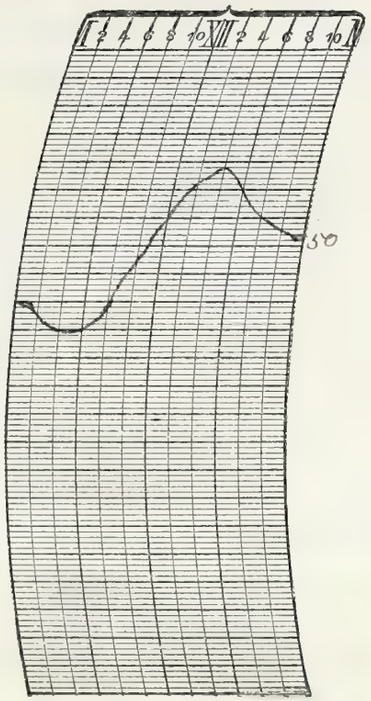
Extreme velocity, 17
Relative humidity, 66 a. m. 55 p. m.
Reduced barometer, 30.53 a. m. 30.28 p. m.
River gage, 4.7 ft.

NOTES.

Light Frost.







Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) APR 22 1913, 191

Time (local standard) 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	52	51	50	50	49	49	52	59	65	70	72	74	76	78	78	78	76	74	72	71	69	68	67	67
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						—	—	Clear	—	—	—	—	×	Pt cloudy	×	Cloudy	×	Cloudy						
Sunrise: Time 4.57, Character Clear																					Sunset: Time 6.28, Character Cloudy			
Sunshine (in tenths of hours)					0	0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	13	12	9	11	9	11	9	12	14	15	16	18	17	16	18	19	16	12	13	15	14	14	14	12
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

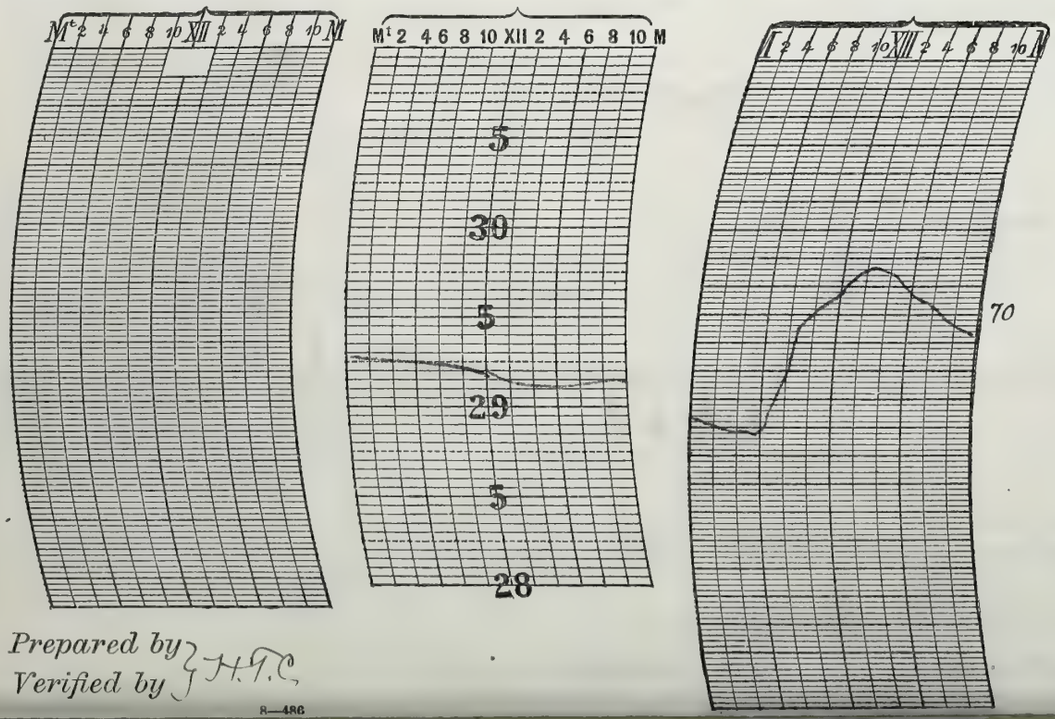
Maximum.	Minimum.	Mean.	Normal.
78	49	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 6 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10) 2
Actual sunshine, hours, 11.4
Possible sunshine, hours, 13.6
Percentage of possible sunshine, 84
Prevailing direction SW
Total movement, 333
Average hourly velocity, 13.9

Maximum velocity,	Direction,	Time.
22	SW	11.30 a.m.

Extreme velocity, 22
Relative humidity, 52 a. m. 59 p. m.
Reduced barometer, 30.16 a. m. 30.02 p. m.
River gage, 4.4 ft.

NOTES.



Prepared by
Verified by H.H.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) APR 23 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	65	64	64	62	61	62	64	66	70	73	74	74	75	77	78	76	73	71	70	69	67	66	65	64
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Clear										*Pt Cloudy									
Sunrise: Time, 4.50 Character, Clear																					Sunset: Time, 6.29 Character, Cloudy			
Sunshine (in tenths of hours)					0	0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	SE	SE	S	S
Wind movement	16	14	13	13	13	14	15	17	21	24	24	21	20	24	22	21	15	11	10	8	9	12	13	12
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

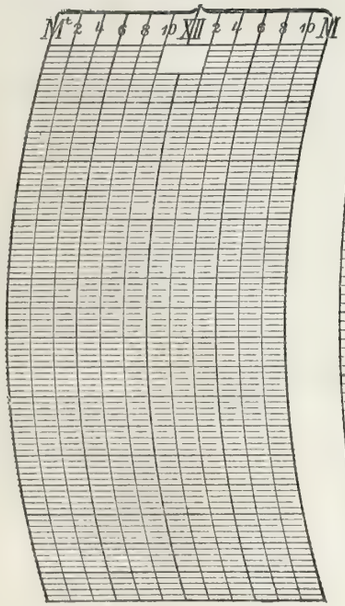
	Maximum.	Minimum.	Mean.	Normal.
	78	61	70	

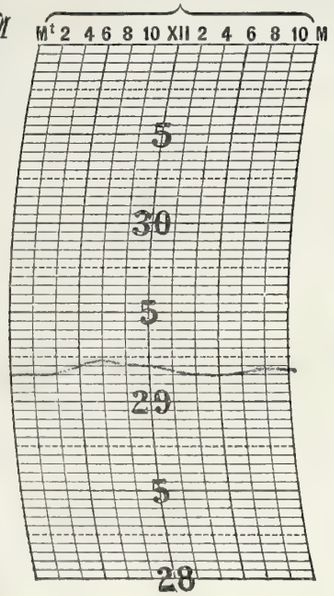
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 2
Actual sunshine, hours, 11.0
Possible sunshine, hours, 13.6
Percentage of possible sunshine, 81
Prevailing direction SW
Total movement, 382
Average hourly velocity, 15.9

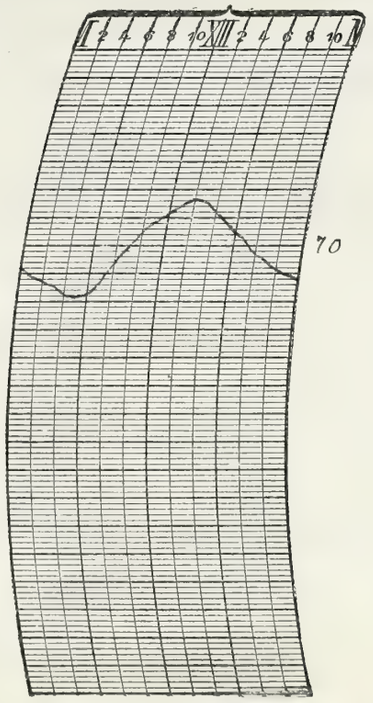
Maximum velocity,	Direction,	Time.
29	SW	11.04 a.m.

Extreme velocity, 29
Relative humidity, 58 a. m. 50 p. m.
Reduced barometer, 30.12 a. m. 30.05 p. m.
River gage, 4.2 ft

NOTES.







Prepared by J. H. C.
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) APR 24 1913, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

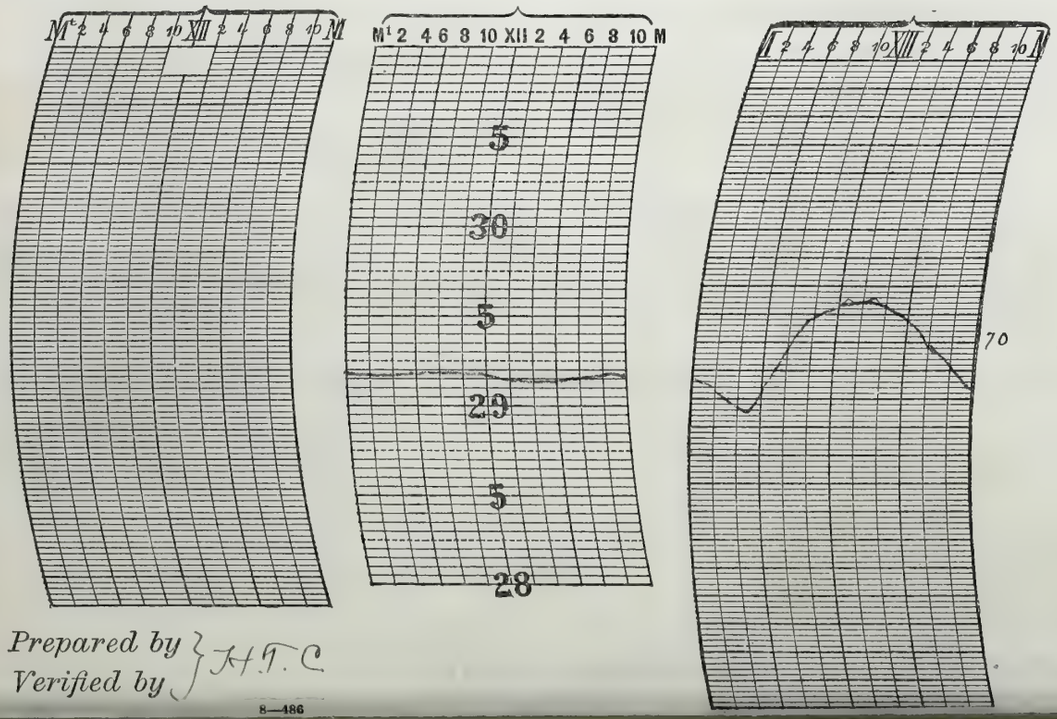
	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	63	62	61	59	58	60	64	69	71	73	75	77	78	77	78	77	75	73	70	69	68	66	64	62
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear						×		Pt Cloudy									
Sunrise: Time 4.48, Character Clear																					Sunset: Time 6.30, Character Cloudy			
Sunshine (in tenths of hours)					.20 0	1.0 0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.3	0.1	0					
Wind direction	S	S	S	S	S	S	S	S	S	SW	S	S	S	S	S	S	S	S	S	S	S	S	SW	SW
Wind movement	12	12	10	11	11	12	14	19	21	21	19	18	20	19	17	17	17	15	14	13	10	10	8	6
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	78	58	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear. Moon phase,
Average daily cloudiness (0-10) 2
Actual sunshine, hours, 11.4
Possible sunshine, hours, 13.7
Percentage of possible sunshine, 83
Prevailing direction S
Total movement, 346
Average hourly velocity, 14.4
Maximum velocity, 26 Direction, S Time. 12.05 p.m.
Extreme velocity, 26
Relative humidity, 51 a. m. 44 p. m.
Reduced barometer, 30.09 a. m. 30.03 p. m.
River gage, 4.9 ft.

NOTES.



Prepared by H.T.C
Verified by

8—486

Form No. 1014—Met 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) APR 25 1913, 191

Time (local standard), 90 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	62	62	61	57	54	55	56	58	60	65	57	54	52	51	50	49	49	46	45	44	44	44	44
State of weather: Nature of precipitation and time of beginning and ending																		RB 5.10						
State of weather: Amounts of precipitation																		T	.05	.03	.04	.02	T	.01
State of weather: Cloudiness and other conditions									Cloudy	×			Rainy	×			Cloudy							
Sunrise: Time 4.47, Character Cloudy																					Sunset: Time 6.31, Character Cloudy			
Sunshine (in tenths of hours)				0	0	0	0	0	0.8	1.0	0.7	0.7	1.0	0.1	0	0	0	0	0					
Wind direction	S	S	S	S	W	N	N	N	N	NE	N	NW	NW	NW	NW	N	N	N	NW	NW	NW	N	N	NW
Wind movement	6	8	8	5	8	8	7	7	6	5	5	14	18	17	16	14	11	11	11	12	10	6	6	8
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
65	44	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .05 ins.
Total precipitation, midnight to midnight, .15 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 9
Actual sunshine, hours, 4.3
Possible sunshine, hours, 13.7
Percentage of possible sunshine, 31
Prevailing direction N
Total movement, 227
Average hourly velocity, 9.5

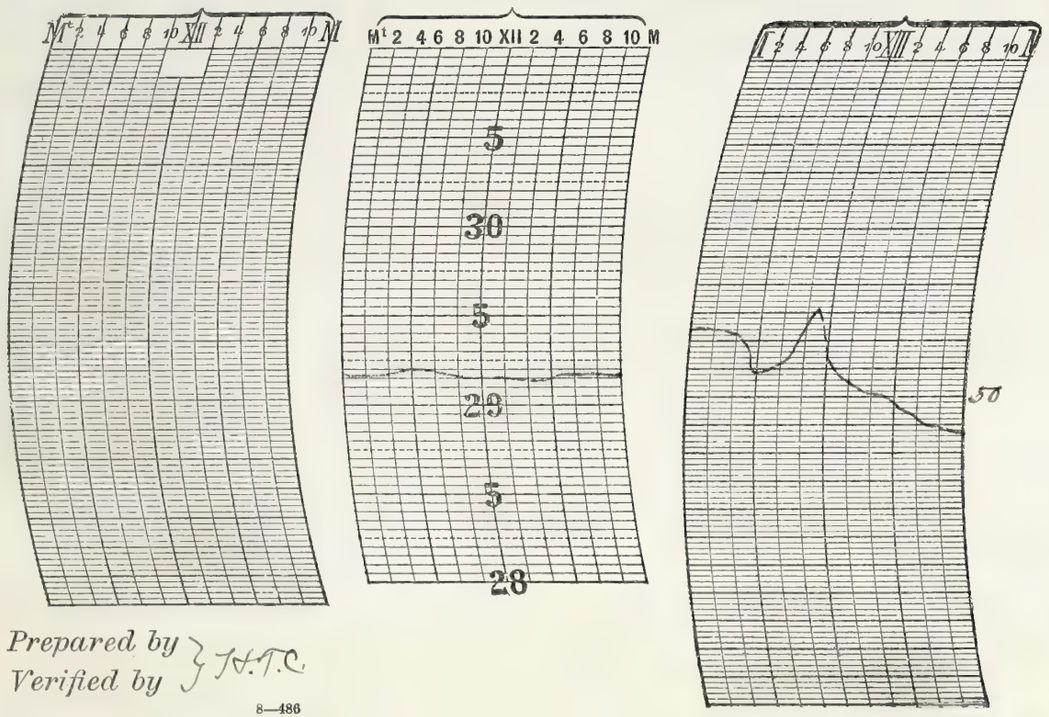
Maximum velocity,	Direction,	Time.
20	NW	2.25 p.m.

Extreme velocity, 20

	a. m.	p. m.
Relative humidity,	71	100
Reduced barometer,	30.11	30.09

River gage, 4.1 ft.

NOTES.



Prepared by H.T.C.
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) APR 26 1913, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	42	42	42	42	41	41	41	42	42	44 RE 10.20	48	49	50	52	54	56	54	53	50	42 RB 8.25	48 RE 9.30	46	45
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation	T	.01	T	.01	T	.03	.01	T	T	.01	.01										.13	.09		
Cloudiness and other conditions								Cloudy					* R Cloudy											
Sunrise: Time, Character	4.45 Cloudy																							
Sunshine (in tenths of hours)				0	0	0	0	0	0	0	0	0	0.4	1.0	1.0	1.0	0	0	0					
Sunset: Time, Character																					6.32 Cloudy			
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	N	N	E	W	N	N	W
Wind movement	12	10	8	7	9	10	8	8	8	7	7	8	8	8	8	9	7	4	4	4	10	10	2	3
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	56	~~40~~ 41	48	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .16 ins.; to 7 p. m., .02 ins.
Total precipitation, midnight to midnight, .30 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 9
Actual sunshine, hours, 3.4
Possible sunshine, hours, 13.8
Percentage of possible sunshine, 25
Prevailing direction NW
Total movement, 179
Average hourly velocity, 7.5

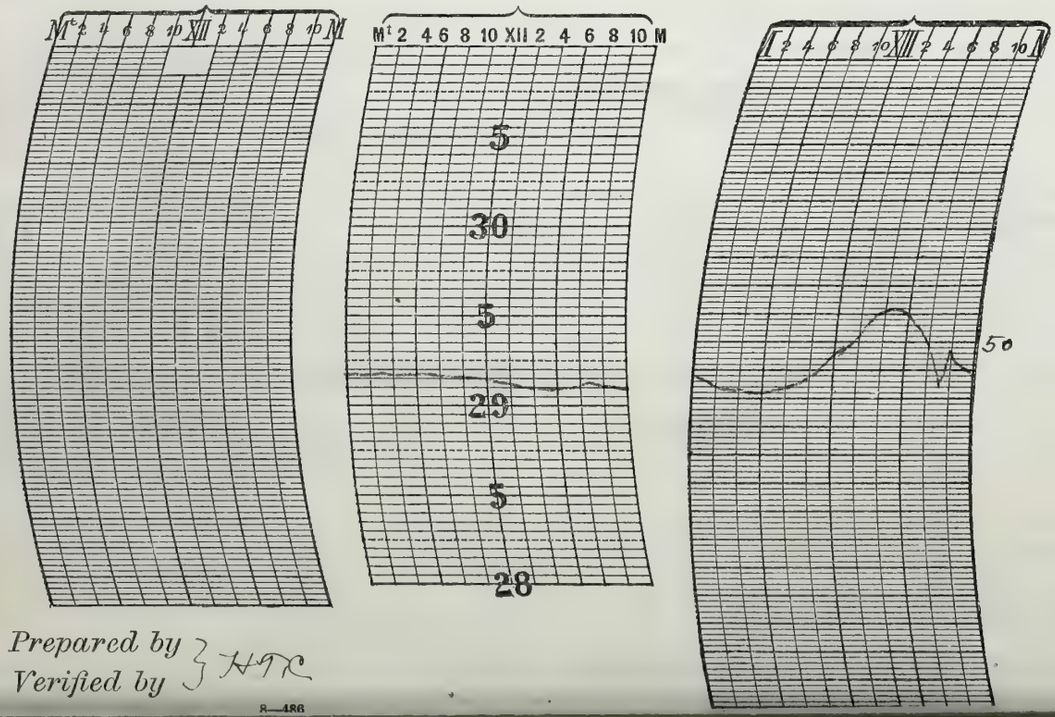
Maximum velocity,	Direction,	Time.
22	NE	9.20 pm

Extreme velocity, 22

	a. m.	p. m.
Relative humidity,	92	82
Reduced barometer,	30.08	30.12

River gage, 4.3 ft.

NOTES.



Prepared by
Verified by } HTC

8—486

FORM NO. 1011—Met 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) APR 27 1913, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	42	42	40	38	38	40	42	45	47	48	52	45	45	48	44	41	41	42	40	40	40	40	41
State of weather. Nature of precipitation and time of beginning and ending														RB 1.00										
Amounts of precipitation														.02	T	T	.02	.01	T	T	.02	.02	.02	T
Cloudiness and other conditions							Clear								Cloudy									
Sunrise: Time, Character.	4.44 Clear																							
Sunset: Time, Character.																					6.33 Cloudy			
Sunshine (in tenths of hours)					0	0	0.7	1.0	1.0	1.0	1.0	1.0	0.9	0	0	0	0	0	0					
Wind direction	W	W	W	W	SW	W	NW	NW	NW	W	W	NW	NW	N	N	N	N	N	N	N	N	N	N	N
Wind movement	3	1	1	3	4	4	7	6	6	9	9	10	11	15	15	16	15	13	13	12	10	7	12	13
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

---/--- hours slower than 75th meridian time.

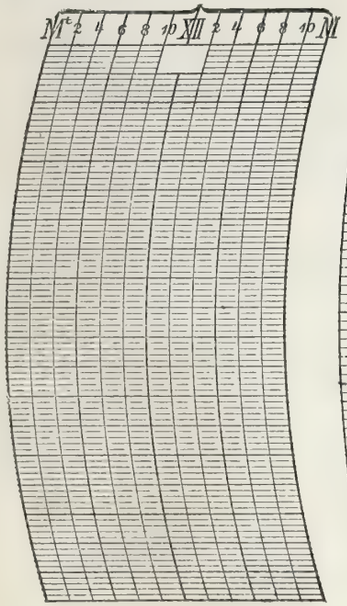
Maximum.	Minimum.	Mean.	Normal.
52.	38	45	

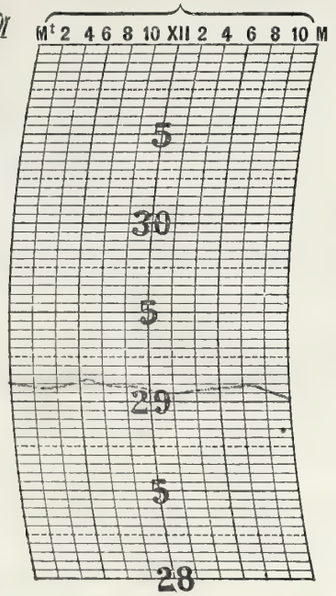
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .22 ins.; to 7 p. m., .05 ins.
Total precipitation, midnight to midnight, .11 inches.
Character of day, A Cloudy Moon phase,
Average daily cloudiness (0-10) 4
Actual sunshine, hours, 8.2
Possible sunshine, hours, 13.8
Percentage of possible sunshine, 59
Prevailing direction N
Total movement, 215
Average hourly velocity, 9.0

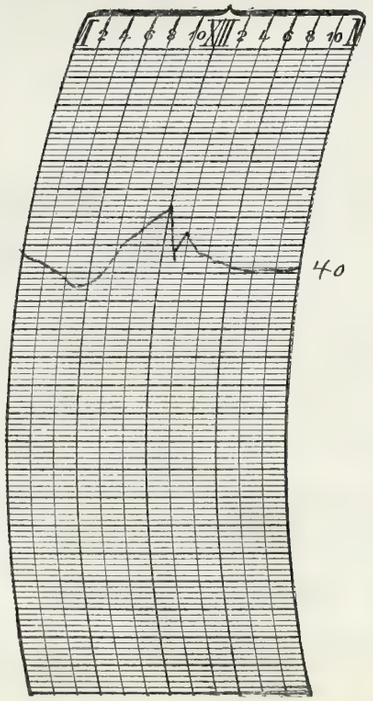
Maximum velocity,	Direction,	Time.
24	N	1.00 p. m.

Extreme velocity, 24
Relative humidity, 96 a. m. 100 p. m.
Reduced barometer, 30.03 a. m. 30.01 p. m.
River gage, 4.8 ft.

NOTES.







Light Frost

Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) APR 28 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	40	40	39	38	38	39	39	40	41	42	44	45	47 RE 1.50	51	54	55	54	51	50	48	47	46	46
State of weather: Nature of precipitation and time of beginning and ending																								
State of weather: Amounts of precipitation	.01	T	T	T	.01	T	T	.02	.01	T	.01	T	T	T										
State of weather: Cloudiness and other conditions									Cloudy						Cloudy									
Sunrise: Time 4.43, Character Cloudy																					Sunset: Time 6.34, Character Cloudy			
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0	0	0	0.1	0	0.1	0.1	0					
Wind direction	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N
Wind movement	14	17	13	13	13	15	16	15	17	13	12	11	9	8	10	12	13	13	9	9	9	12	6	7
Maximum velocities (exceeding 24 miles) direction and time	21 N 8.10 a.m.																							

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	55	38	46	

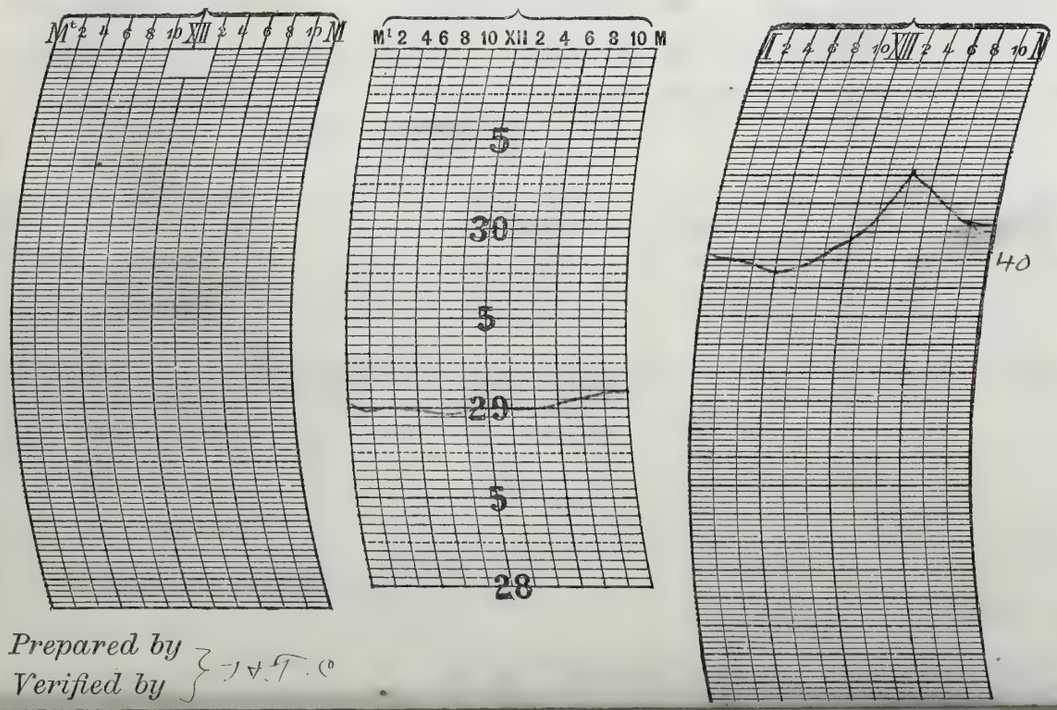
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .08 ins.; to 7 p. m., .04 ins.
Total precipitation, midnight to midnight, .06 inches.
Character of day, Cloudy Moon phase, Last Quarter
Average daily cloudiness (0–10) 9.10
Actual sunshine, hours, 0.3
Possible sunshine, hours, 13.8
Percentage of possible sunshine, 2
Prevailing direction N
Total movement, 286
Average hourly velocity, 11.9

Maximum velocity,	Direction,	Time.
21	N	8.10 a.m.

Extreme velocity, 21

Relative humidity, 96 a. m. 78 p. m.
Reduced barometer, 29.91 a. m. 29.96 p. m.
River gage, 4.2 ft.

NOTES.



Prepared by
Verified by

Form No. 1011—Met 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) APR 29 1913, 191

Time (local standard) 90 mer. — / hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	43	42	42	42	42	45	48	51	55	57	59	61	62	63	63	62	60	58	56	55	52	50	50
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Clear						Clear										
Sunrise: Time 4.41, Character Clear																					Sunset: Time 6.35, Character Clear			
Sunshine (in tenths of hours)					0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0					
Wind direction	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	NE	NE	NE	NE	NE	NE	NE
Wind movement	8	7	8	7	10	9	10	12	14	12	12	11	12	11	11	13	10	11	7	8	7	6	5	3
Maximum velocities (exceeding 29 miles) direction and time																								

Temperature at end of hour: 58 (6-7 P.M.)

Sunshine (in tenths of hours): 0.4, 0.6 (6-7 P.M.)

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	63	42	52	

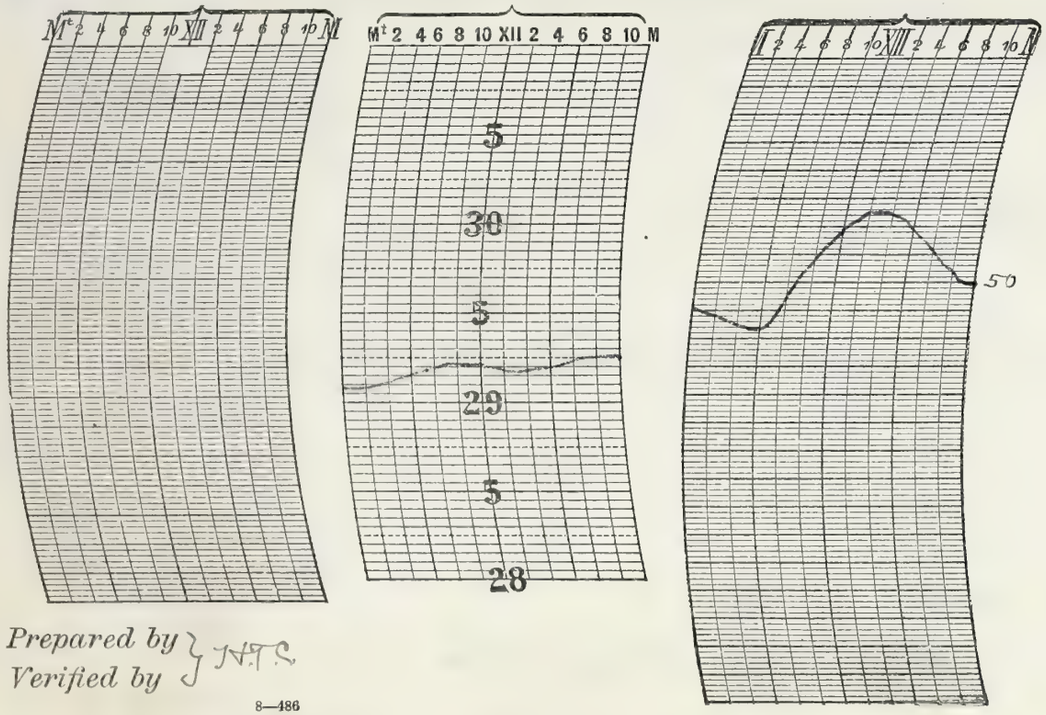
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 0
Actual sunshine, hours, 13.9
Possible sunshine, hours, 13.9
Percentage of possible sunshine, 100
Prevailing direction N
Total movement, 224
Average hourly velocity, 9.3

Maximum velocity,	Direction,	Time.
16	N	8.20 a.m.

Extreme velocity, 16

Relative humidity, 79 a. m. 83 p. m.
Reduced barometer, 30.10 a. m. 30.14 p. m.
River gage, 4.1 ft.

NOTES.



Prepared by } J.N.T.S.
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) APR 30 1913, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	46	44	43	42	42	46	50	53	59	62	66	67	68	70	70	69	69	66	65	64	62	60	58
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					—	—		Clear					—	—		Clear								
Sunrise: Time 4.40, Character, Clear																					Sunset: Time 6.36, Character, Clear			
Sunshine (in tenths of hours)					0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0					
Wind direction	NE	NE	NE	NE	NE	NE	E	E	E	SE	S	S	S	S	S	SE	SE	S	S	S	S	S	SE	S
Wind movement	1	3	5	5	5	4	5	5	4	4	4	5	5	6	4	5	5	5	4	5	5	5	7	7
Maximum velocities (exceeding 29 miles) direction and time 1																								

0.33 0.9 0.2 6.0

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.
	70	42	56	

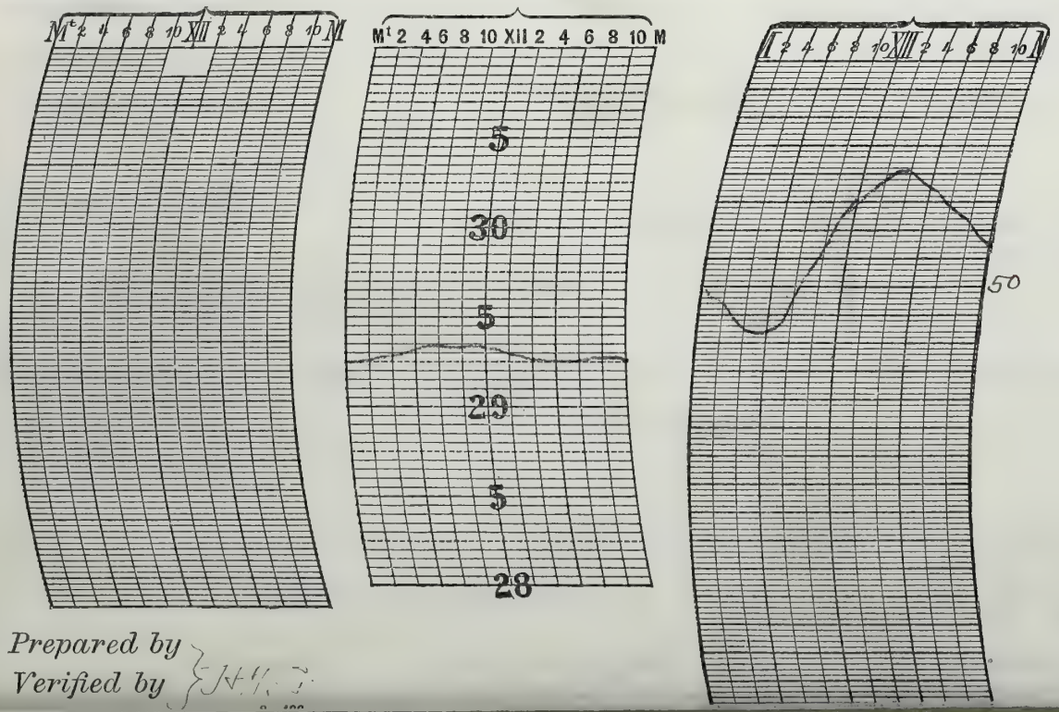
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10) 0
Actual sunshine, hours, 13.9
Possible sunshine, hours, 13.9
Percentage of possible sunshine, 100
Prevailing direction S
Total movement, 113
Average hourly velocity, 4.7

Maximum velocity,	Direction,	Time.
8	S	11.40 p.m.

Extreme velocity, 8

Relative humidity, 79 a. m. 45 p. m.
Reduced barometer, 30.29 a. m. 30.18 p. m.
River gage, 4.0 ft

NOTES.



Prepared by
Verified by

Form No. 1014—Met. 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAY 1 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	57	55	54	53	52	57	56	60	65	70	74	76	78	80	81	80	79	77	73	70	68	66	65	64
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Clear								Clear								
Sunrise: Time 4.39, Character, Clear																					Sunset: Time 6.37, Character, Clear			
Sunshine (in tenths of hours)					.35 0	0.9 0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2 0.8	.62 0					
Wind direction	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	S	SW	S	SW	S	S	S	S	S	S
Wind movement	8	6	7	8	6	6	7	9	13	12	11	10	11	10	11	12	11	9	8	8	8	7	8	9

Maximum 29 velocities (exceeding — miles) direction and time —

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	81	51	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10) 0
Actual sunshine, hours, 14.0
Possible sunshine, hours, 14.0
Percentage of possible sunshine, 100
Prevailing direction S
Total movement, 215
Average hourly velocity, 9.0

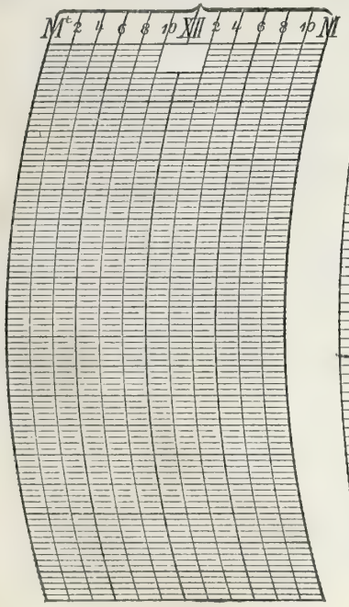
Maximum velocity,	Direction,	Time.
14	SW	8.10 a.m.

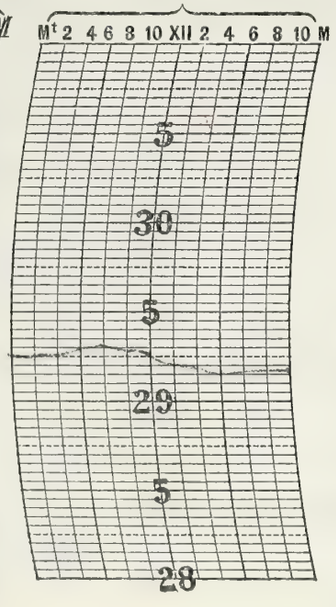
Extreme velocity, 14

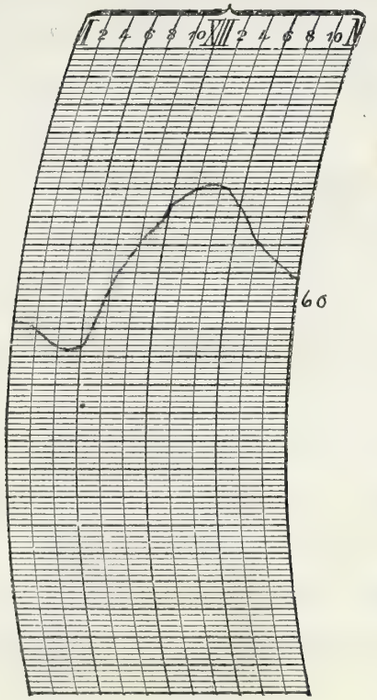
	a. m.	p. m.
Relative humidity,	55	36
Reduced barometer,	30.22	30.[illegible]

River gage, 4.0 ft

NOTES.







Prepared by
Verified by J. W. S. C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAY 2 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	60	59	58	57	58	62	68	74	77	79	80	82	83	84	84	83	80	77	74	72	71	70	68
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear								Clear									
Sunrise: Time, Character	4.37 clear																				Sunset: Time, Character	6.38 clear		
Sunshine (in tenths of hours)					0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0					
Wind direction	S	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S
Wind movement	9	9	8	7	6	7	8	10	11	9	10	12	14	14	15	15	13	9	6	6	8	9	8	7
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

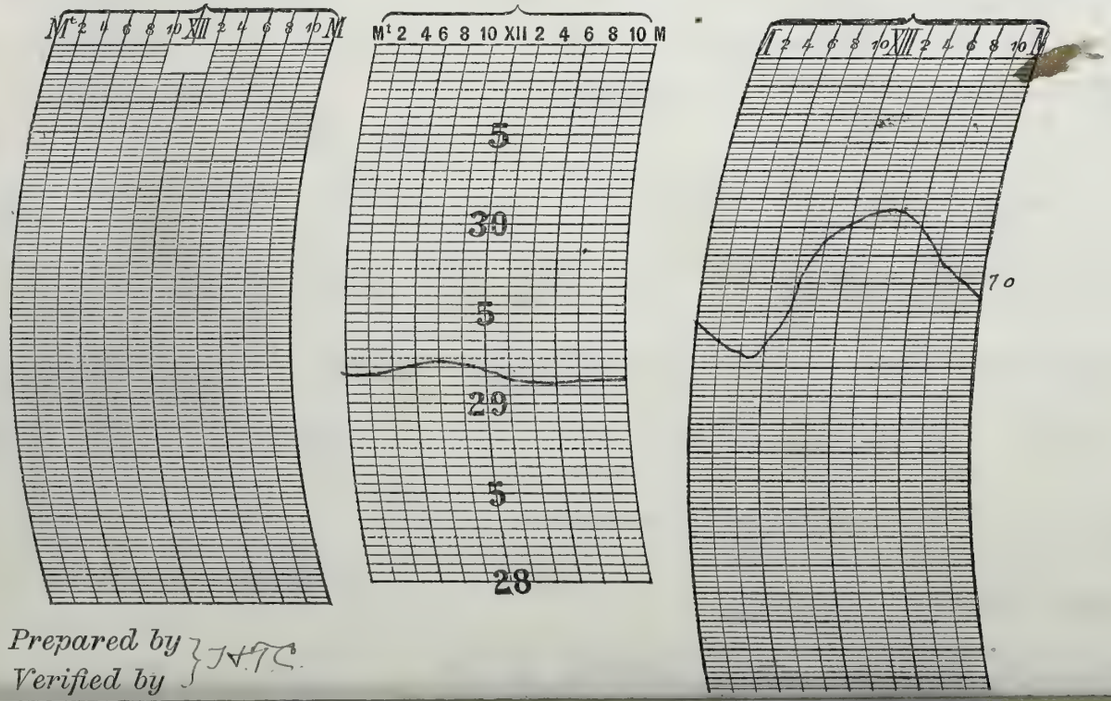
	Maximum.	Minimum.	Mean.	Normal.
	84	57	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, clear Moon phase,
Average daily cloudiness (0–10) 0
Actual sunshine, hours, 14.0
Possible sunshine, hours, 14.0
Percentage of possible sunshine, 100
Prevailing direction S
Total movement, 230
Average hourly velocity, 9.6

Maximum velocity,	Direction,	Time.
17	SW	12.50 p M

Extreme velocity, 17
Relative humidity, 41 a. m. 36 p. m.
Reduced barometer, 30.15 a. m. 30.03 p. m.
River gage, 3.9 ft.

NOTES.



Prepared by J.H.T.C.
Verified by

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAY 3 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	65	64	63	62	62	64	69	75	77	79	80	80	81	81	81	80	78	75	73	71	70	68	67
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Cloudy			Clear					Clear				Cloudy						
Sunrise: Time 4.36, Character Cloudy																					Sunset: Time 6.39, Character Cloudy			
Sunshine (in tenths of hours)				0	0	0	0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0					
Wind direction	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S	S	S
Wind movement	5	7	7	7	8	8	7	8	10	16	20	19	21	27	25	17	16	12	8	9	8	8	9	9
Maximum velocities (exceeding 29 miles) direction and time														31 SW 1.42	30 SW 2.15									

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

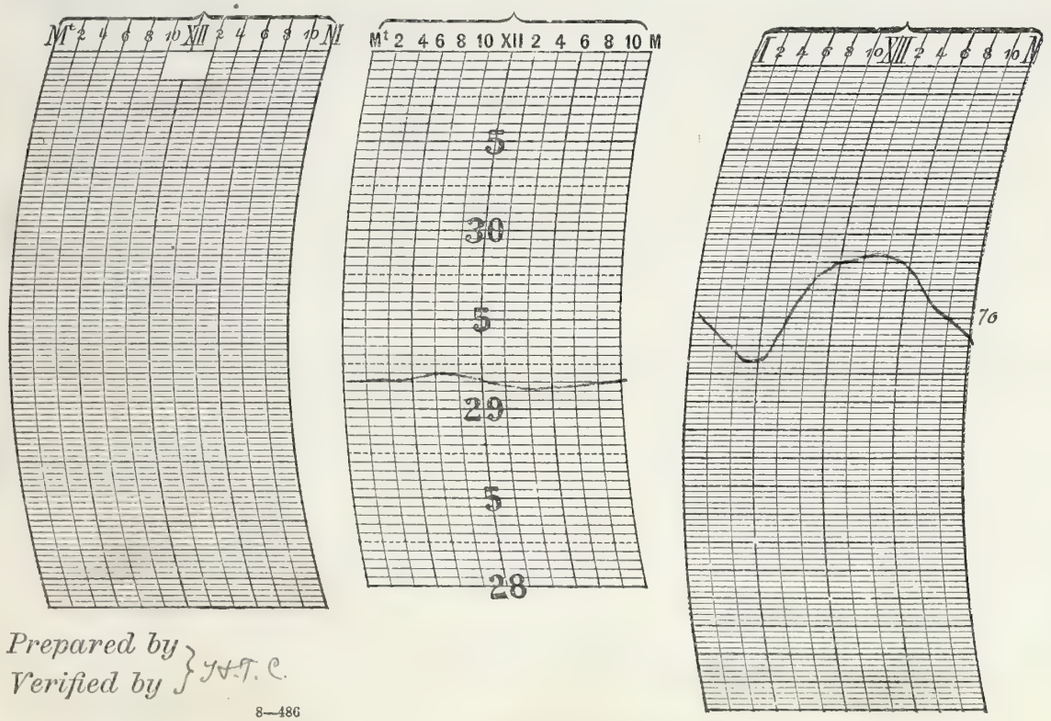
	Maximum.	Minimum.	Mean.	Normal.
	81	62	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 3
Actual sunshine, hours, 10.1
Possible sunshine, hours, 14.0
Percentage of possible sunshine, 72
Prevailing direction S
Total movement, 291
Average hourly velocity, 12.1

	Maximum velocity,	Direction,	Time.
Extreme velocity,	31	SW	1.42 p.m.

Relative humidity, 56 a. m. .41 p. m.
Reduced barometer, 30.10 a. m. 30.55 p. m.
River gage, 3.8 ft.

NOTES.



Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAY 4 1913, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	65	65	64	62	62	63	64	70	73	76	79	80	79	78	82	77	77	75	73	72	71	71	70	69
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Cldy	×				Clear		×					Cloudy						
Sunrise: Time, 4.35 Character, Cloudy																					Sunset: Time, 6.40 Character, Cloudy			
Sunshine (in tenths of hours)					0	0	0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0	0	0					
Wind direction	S	S	S	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S
Wind movement	8	8	9	9	10	10	9	9	12	16	23	21	24	21	19	25	14	14	9	9	8	10	10	7
Maximum velocities (exceeding 29 miles) direction and time /																31 SW 3.15								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

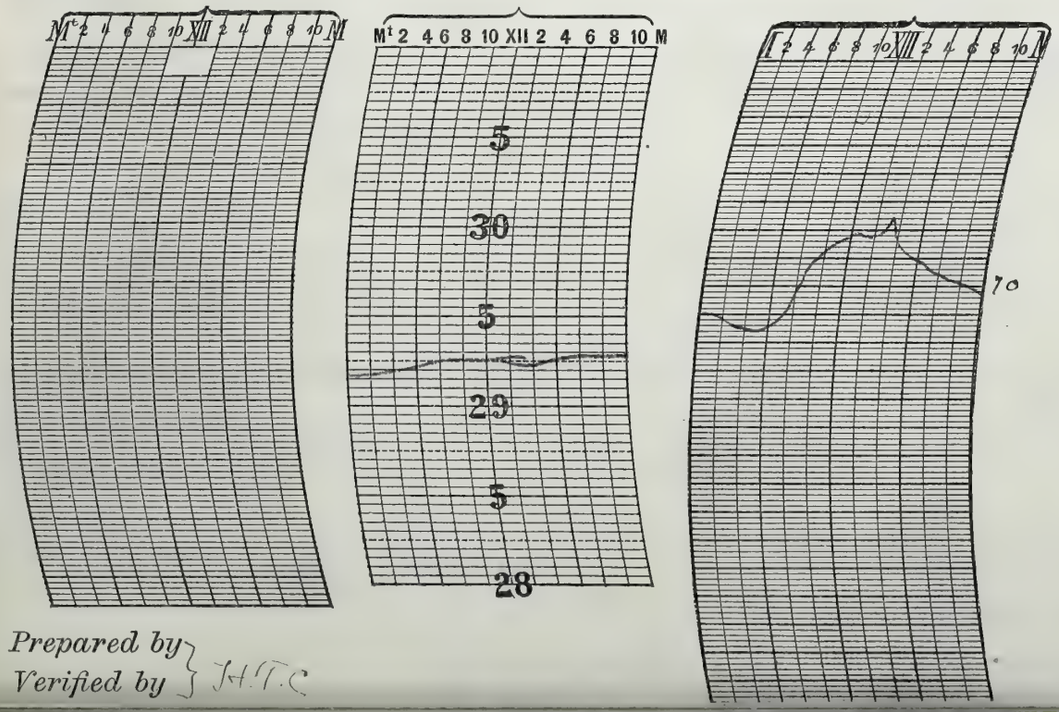
Maximum.	Minimum.	Mean.	Normal.
82	62	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, A Cloudy Moon phase,
Average daily cloudiness (0-10) 3
Actual sunshine, hours, 8.5
Possible sunshine, hours, 14.1
Percentage of possible sunshine, 60
Prevailing direction S
Total movement, ~~318~~ 314
Average hourly velocity, 13.1

Maximum velocity,	Direction,	Time.
31	SW	3.15 p.m

Extreme velocity, ~~37~~ 36
Relative humidity, 58 a. m. 61 p. m.
Reduced barometer, 30.16 a. m. 30.19 p. m.
River gage, 3.8 ft.

NOTES.



Prepared by
Verified by J.H.T.C

Form No. 1011—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAY 5 1913, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	67	66	65	65	63	64	67	70	75	77	79	80	81	83	83	82	80	78	76	74	73	71	69	67
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Pt Cloudy				× Clear				× Pt Cloudy											
Sunrise: Time, 4.33 Character, Cloudy																					Sunset: Time, 6.41 Character, Cloudy			
Sunshine (in tenths of hours)					0	0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0	0	0					
Wind direction	S	SW	SW	S	S	S	S	S	SW	SW	S	S	SW	SW	SW	SW	SW	SW	S	S	SW	SW	SW	W
Wind movement	8	6	6	8	8	8	9	9	10	13	13	14	19	21	25	17	18	17	16	16	13	13	12	8
Maximum velocities (exceeding 29 miles) direction and time															30 SW 2.25									

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

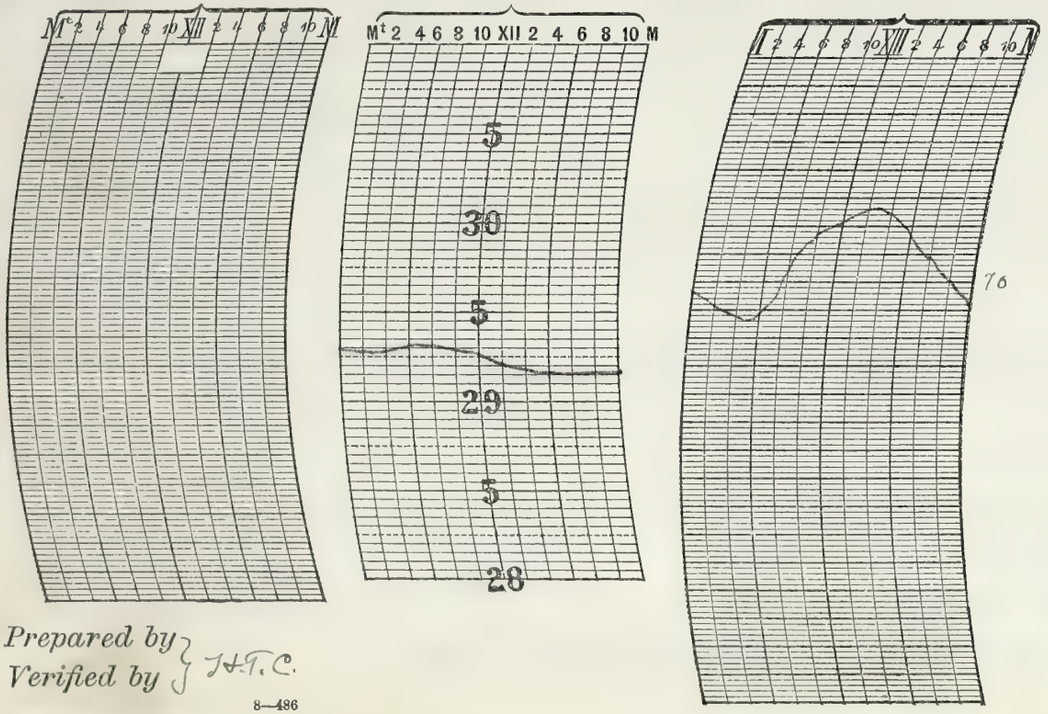
Maximum.	Minimum.	Mean.	Normal.
83	63	73	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cldy Moon phase,
Average daily cloudiness (0–10) 6
Actual sunshine, hours, 9.4
Possible sunshine, hours, 14.1
Percentage of possible sunshine, 67
Prevailing direction SW
Total movement, 307
Average hourly velocity, 12.8

Maximum velocity,	Direction,	Time.
30	SW	2.25 p.m.

Extreme velocity, 30
Relative humidity, 60 a. m. 35 p. m.
Reduced barometer, 30.24 a. m. 30.05 p. m.
River gage, 2.8 ft

NOTES.



Prepared by
Verified by } T.H.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAY 6 1913, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	64	62	58	54	54	53	56	57	60	63	64	65	66	63	64	66	66	63	57	55	54	53	51	50
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								P.Cloudy					P.Cloudy											
Sunrise: Time 4.32 Character, Cloudy																					Sunset: Time 6.42 Character, Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0	0	0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0				
Wind direction	W	W	NW	NW	NW	NW	NW	NW	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	N	N
Wind movement	7	9	8	8	9	10	11	9	8	9	11	11	10	13	12	13	15	18	15	13	13	10	10	10
Maximum velocities (exceeding 29 miles) direction and time 7																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

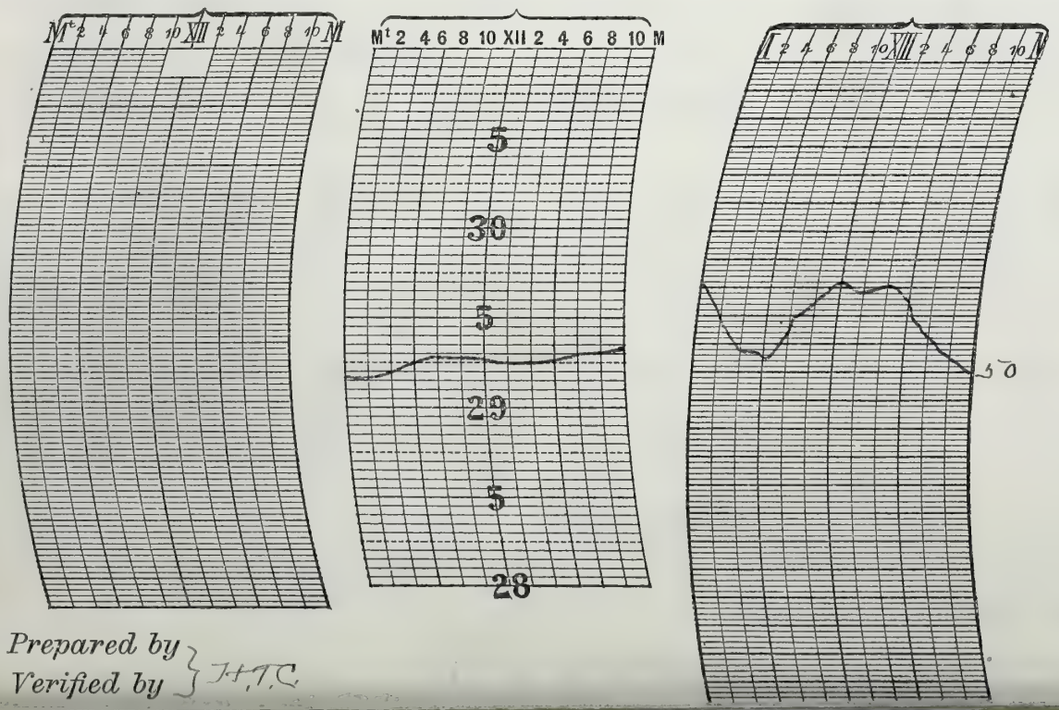
	Maximum.	Minimum.	Mean.	Normal.
	66	50	58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, P.Cloudy Moon phase, New Moon.
Average daily cloudiness (0–10) 4
Actual sunshine, hours, 10.1
Possible sunshine, hours, 14.2
Percentage of possible sunshine, 71
Prevailing direction NW
Total movement, 262
Average hourly velocity, 10.9

Maximum velocity,	Direction,	Time.
22	NW	5.35 p.m.

Extreme velocity, 22
Relative humidity, 85 a. m. 72 p. m.
Reduced barometer, 30.18 a. m. 30.20 p. m.
River gage, 4.8 ft.

NOTES.



Prepared by
Verified by } H.T.C.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAY 7 1913, 191

Time (local standard), 90 mer.

	A.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	49	48	47	46	44	43	45	49	52	55	58	60	60	60	61	62	62	61	58	57	56	54	52	50
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Clear							Clear									
Sunrise: Time, 4.31 Character, Clear					.48	0.5												0.3	.72		Sunset: Time, 6.43 Character, Clear			
Sunshine (in tenths of hours)					0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0					
Wind direction	N	NE	N	NE	N	NE	NE	NE	N	NE	N	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E
Wind movement	12	11	9	7	8	8	11	10	9	11	14	12	15	11	10	9	11	10	7	6	7	8	6	4

Maximum velocities (exceeding 25.9 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

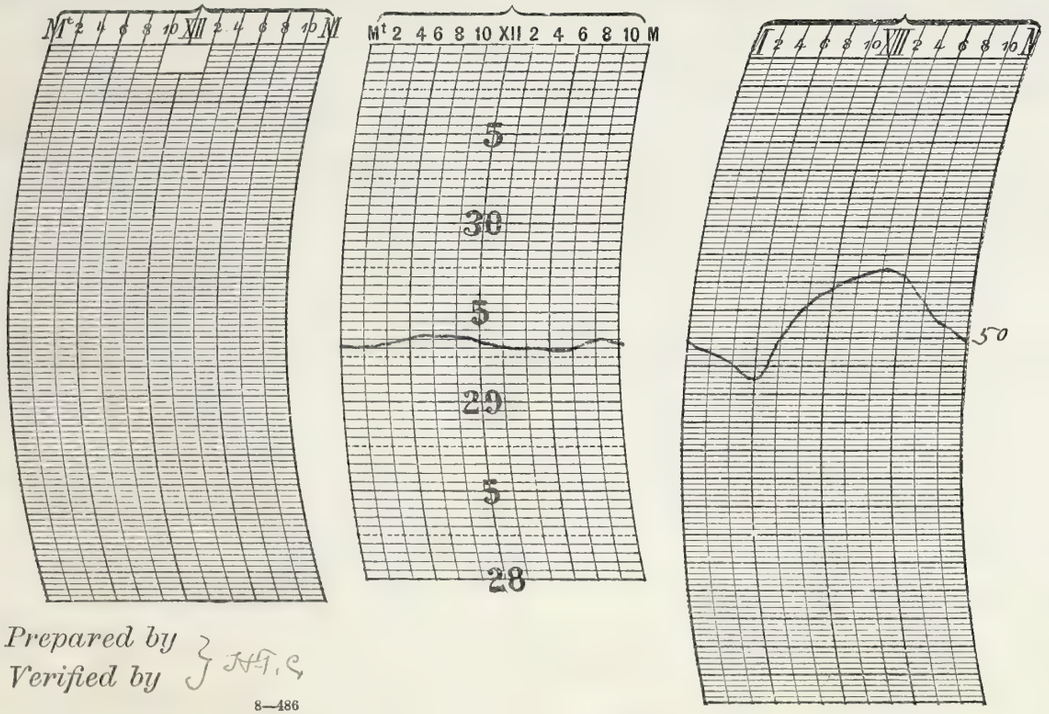
Maximum.	Minimum.	Mean.	Normal.
62	43	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10) 0
Actual sunshine, hours, 14.2
Possible sunshine, hours, 14.2
Percentage of possible sunshine, 100
Prevailing direction NE
Total movement, 226
Average hourly velocity, 9.4

Maximum velocity,	Direction,	Time.
16	NE	11.10 a.m.

Extreme velocity, 16
Relative humidity, 68 a. m. 60 p. m.
Reduced barometer, 30.31 a. m. 30.24 p. m.
River gage, 3.7 ft.

NOTES.



Prepared by
Verified by } H.F.S.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAY 8 1913, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	49	47	46	45	43	42	48	50	55	58	62	65	67	68	70	69	68	67	65	64	60	57	58	55
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Clear							*	Cloudy								
Sunrise: Time, 4.30 Character, Clear					50	0.7															Sunset: Time, 6.44 Character, Cloudy			
Sunshine (in tenths of hours)					0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0	0					
Wind direction	E	E	E	E	NE	E	E	SE	SE	S	S	S	W	NW	NW	NW	NW	N	N	N	N	N	N	N
Wind movement	5	3	3	4	5	5	4	5	6	6	4	4	3	5	6	5	4	4	4	3	3	2	5	6

Maximum 29 velocities (exceeding 29 miles) direction and time 7

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

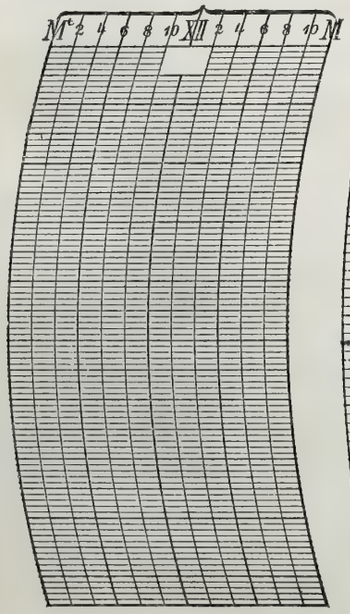
Maximum.	Minimum.	Mean.	Normal.
70	42	56	

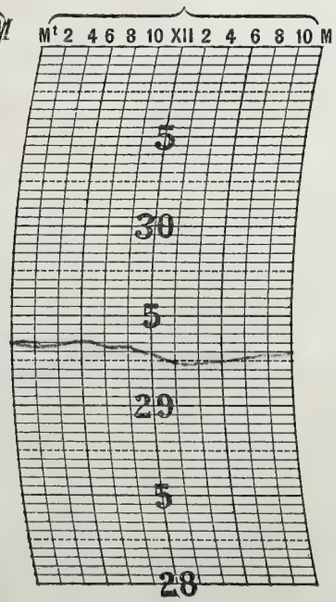
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10) 2
Actual sunshine, hours, 11.8
Possible sunshine, hours, 14.2
Percentage of possible sunshine, 83
Prevailing direction N
Total movement, 106
Average hourly velocity, 4.4

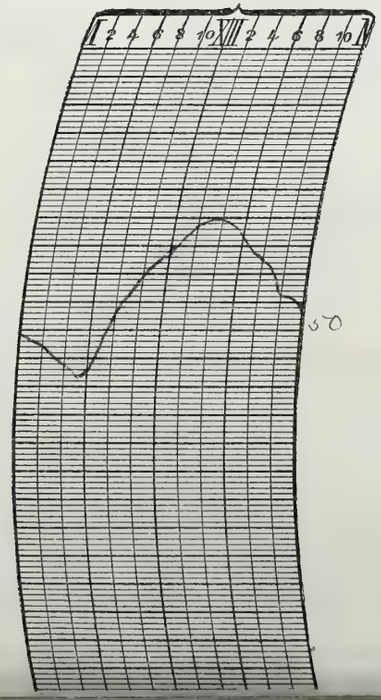
Maximum velocity,	Direction,	Time.
9	NW	2.05 p.m.

Extreme velocity, 9
Relative humidity, 63 a. m. 64 p. m.
Reduced barometer, 30.28 a. m. 30.17 p. m.
River gage, 3.7 ft.

NOTES.







Prepared by
Verified by F. H. C.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAY 9 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	54	52	52	52	53	50 RB 5,30	49	49	50	49 PE 2,50	48	52	53	55	60	60	58	56	53	50	46	43	42	41
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation						T	.01	T	T	T														
Cloudiness and other conditions							Cloudy								Cloudy									
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0	1.0	0.9	1.0	0.5	1.0	0	0					
Wind direction	N	N	N	N	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NW	NW	N	N	N	N	N	N	N	N
Wind movement	4	5	4	2	6	12	9	9	10	10	8	8	3	4	6	10	12	12	11	12	11	9	10	12

Sunrise: Time 4.24, Character Cloudy

Sunset: Time 6.45, Character Cloudy

Maximum 29 velocities (exceeding — miles) direction and time —

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

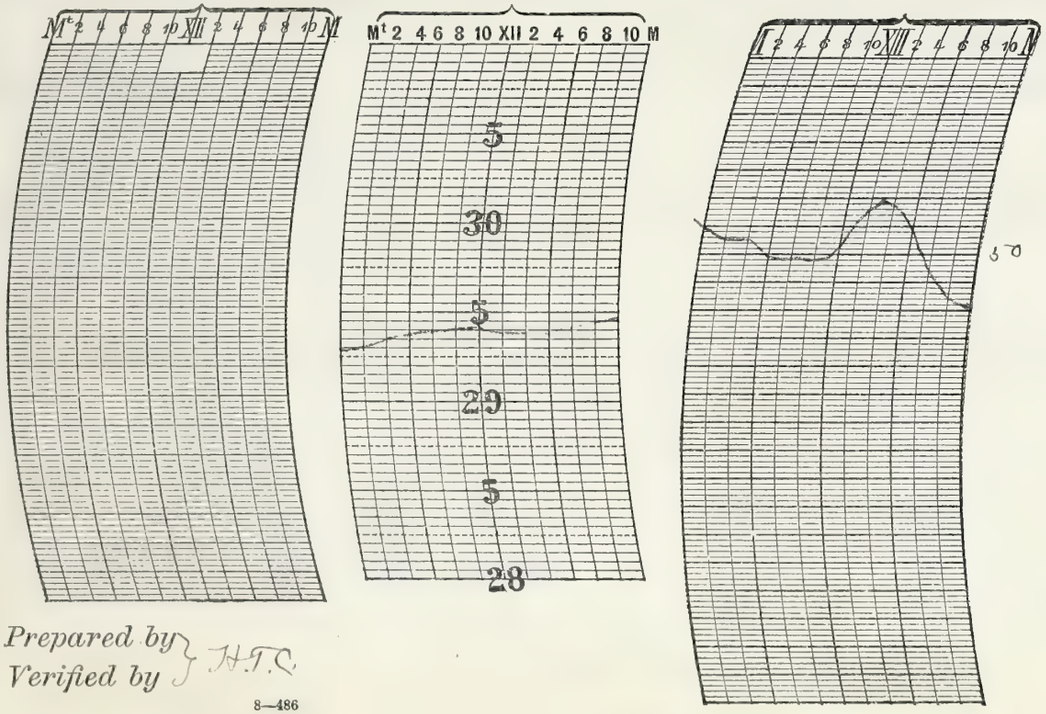
	Maximum.	Minimum.	Mean.	Normal.
	60	41	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 8
Actual sunshine, hours, 4.4
Possible sunshine, hours, 14.3
Percentage of possible sunshine 31
Prevailing direction N
Total movement, 199
Average hourly velocity, 8.3

Maximum velocity,	Direction,	Time.
17	N	5.35 a.m.

Extreme velocity, 17
Relative humidity, 100 a. m. 64 p. m.
Reduced barometer, 30.33 a. m. 30.33 p. m.
River gage, 2.6 ft

NOTES.



Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAY 10 1913, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	40	39	37	35	33	34	37	38	40	42	46	48	50	51	50	51	52	51	49	47	46	43	42	42
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Clear						Clear										
Sunrise: Time, Character	4.28 Clear																				Sunset: Time, Character	6.46 clear		
Sunshine (in tenths of hours)					0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0					
Wind direction	N	N	N	N	NE	N	NE	NE	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	14	11	11	8	6	6	9	8	9	11	11	11	12	9	12	9	8	8	6	5	4	3	4	3
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

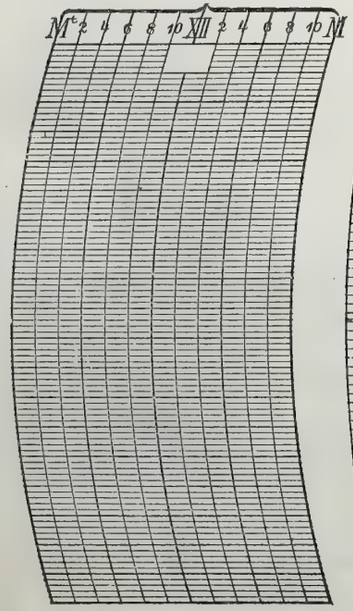
Excessive precipitation, accumulated amounts

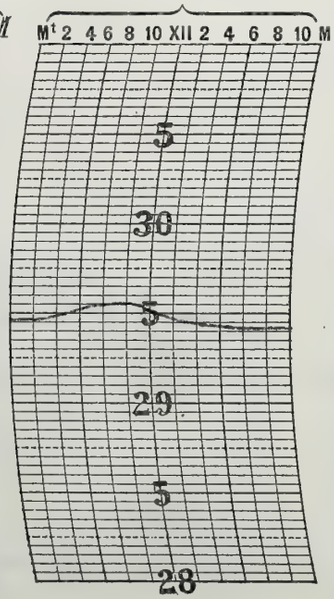
	Maximum.	Minimum.	Mean.	Normal.
	52	33	42	

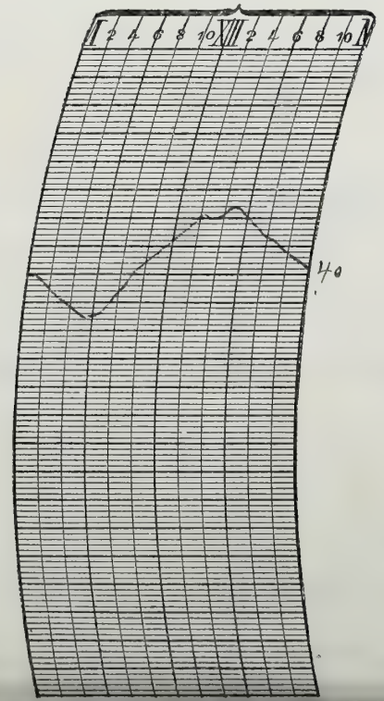
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10) 0
Actual sunshine, hours, 14.3
Possible sunshine, hours, 14.3
Percentage of possible sunshine, 100
Prevailing direction NE
Total movement, 198
Average hourly velocity, 8.2

Maximum velocity,	Direction,	Time.
15	N	12.25 a.m.

Extreme velocity, 15
Relative humidity, 79 a. m. 67 p. m.
Reduced barometer, 30.49 a. m. 30.37 p. m.
River gage, 3.5 ft.







NOTES.

Light frost in morning

Prepared by
Verified by } N.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAY 11 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	38	38	38	37	35	34	42	44	50	53	54	54	56	58	62	60	59	57	56	55	53	51	47	47
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					—	—	—	Clear					Clear											
Sunrise: Time, 427 Character, Clear																					Sunset: Time, 6.47 Character, Clear			
Sunshine (in tenths of hours)					0	0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.4	0				
Wind direction	N	N	N	N	N	N	N	SW	SW	S	E	E	E	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
Wind movement	5	4	2	1	2	3	2	7	4	5	4	5	5	4	4	4	4	4	6	6	6	5	3	9
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	62	34	48	

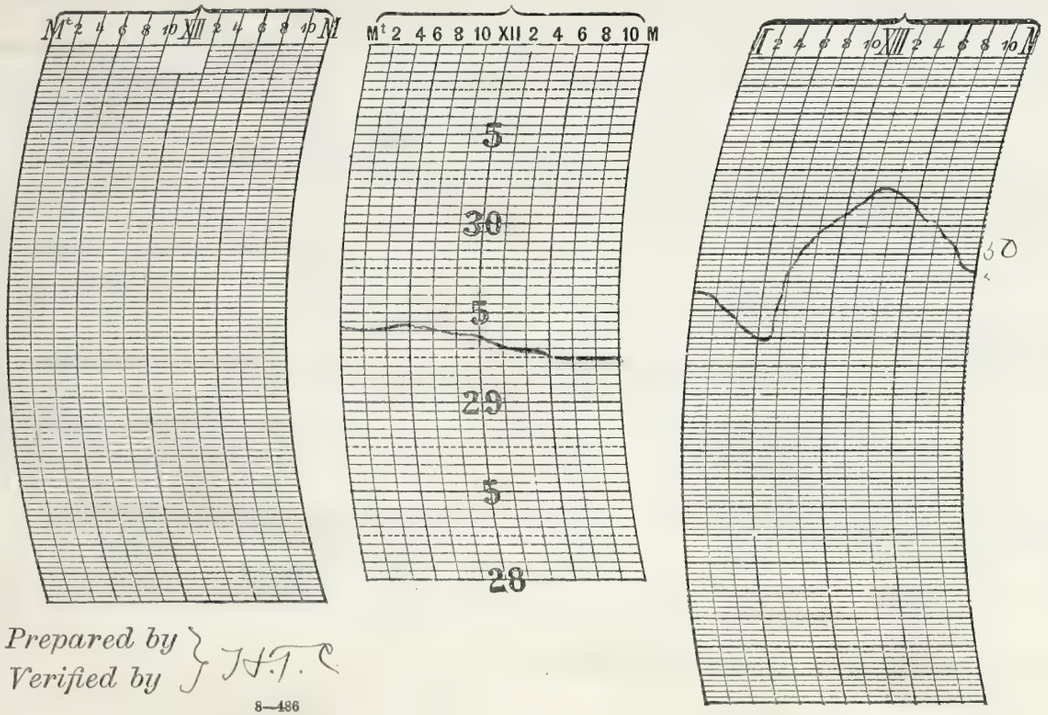
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 6
Actual sunshine, hours, 14.3
Possible sunshine, hours, 14.3
Percentage of possible sunshine, 100
Prevailing direction SE
Total movement, 106
Average hourly velocity, 44

Maximum velocity,	Direction,	Time.
10	SE	11.50 p.m.

Extreme velocity, 10

Relative humidity,	62 a. m.	61 p. m.
Reduced barometer,	30.37 a. m.	30.15 p. m.

River gage, 3.5 ft



Prepared by
Verified by } H.F.C.

8—486

NOTES.

Heavy frost in morning

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAY 12 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	46	44	43	42	41	40	46	50	55	57	59	62	64	66	68	69	69	69	65	64	63	62	61	61
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					—	—			Clear				—	—	×	R	Cldy	—						
Sunrise: Time, 4.26 Character, Clear																					Sunset: Time, 6.49 Character, Cloudy			
Sunshine (in tenths of hours)					0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.2	0.1	0					
Wind direction	SE	SE	S	S	SE	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	10	8	6	6	7	11	11	12	13	14	14	14	14	18	17	17	16	11	9	11	12	12	12	11
Maximum velocities (exceeding 21 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	69	40	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10) 3
Actual sunshine, hours, 11.5
Possible sunshine, hours, 14.4
Percentage of possible sunshine, 80
Prevailing direction SW
Total movement, 286
Average hourly velocity, 11.9

Maximum velocity,	Direction,	Time.
21	SW	1.25 p.m.

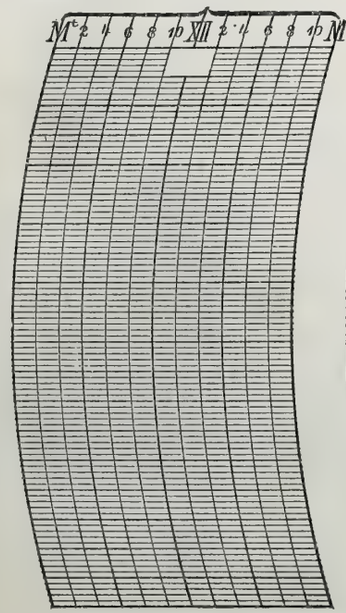
Extreme velocity, 22

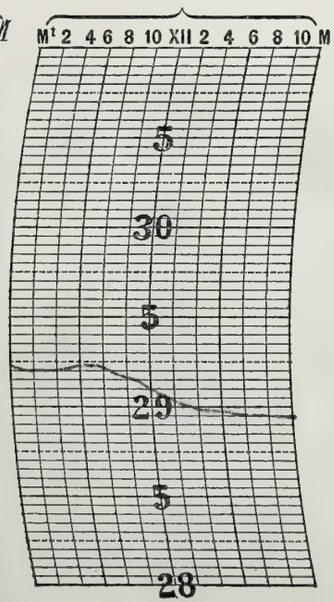
	a. m.	p. m.
Relative humidity,	46	64
Reduced barometer,	30.13	29.87

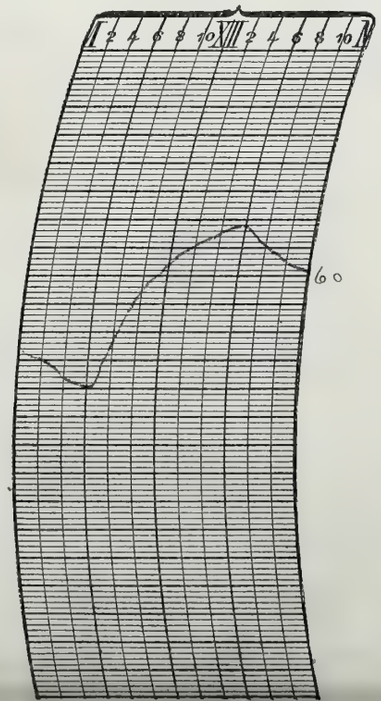
River gage, 3.3 ft.

NOTES.

Light frost in morning







Prepared by
Verified by } H.J.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAY 13 1913, 191

Time (local standard), 90 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	58	58	56	53	54	60	65	70	72	74	74	75	76	77	75	70	67	65	57	57	57	55	55
State of weather. Nature of precipitation and time of beginning and ending																	TS 4.10							
Amounts of precipitation																	.02	.01	T	.03	T	.01	.12	.09
Cloudiness and other conditions									Clear								Cloudy							
Sunrise: Time, 4.25 Character, Clear					.58	04															Sunset: Time, 6.50 Character, Cloudy			
Sunshine (in tenths of hours)					0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0	0	0					
Wind direction	SW	SW	W	SW	SW	SW	W	NW	NW	NW	W	NW	W	SW	SW	W	W	SE	E	NE	E	E	E	NE
Wind movement	10	9	6	7	7	7	4	4	4	4	6	7	4	6	6	3	4	8	7	14	16	14	12	11
Maximum velocities (exceeding 25 miles) direction and time	19 N 7.10 p.m.																							

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

/ hours slower than 75th meridian time.

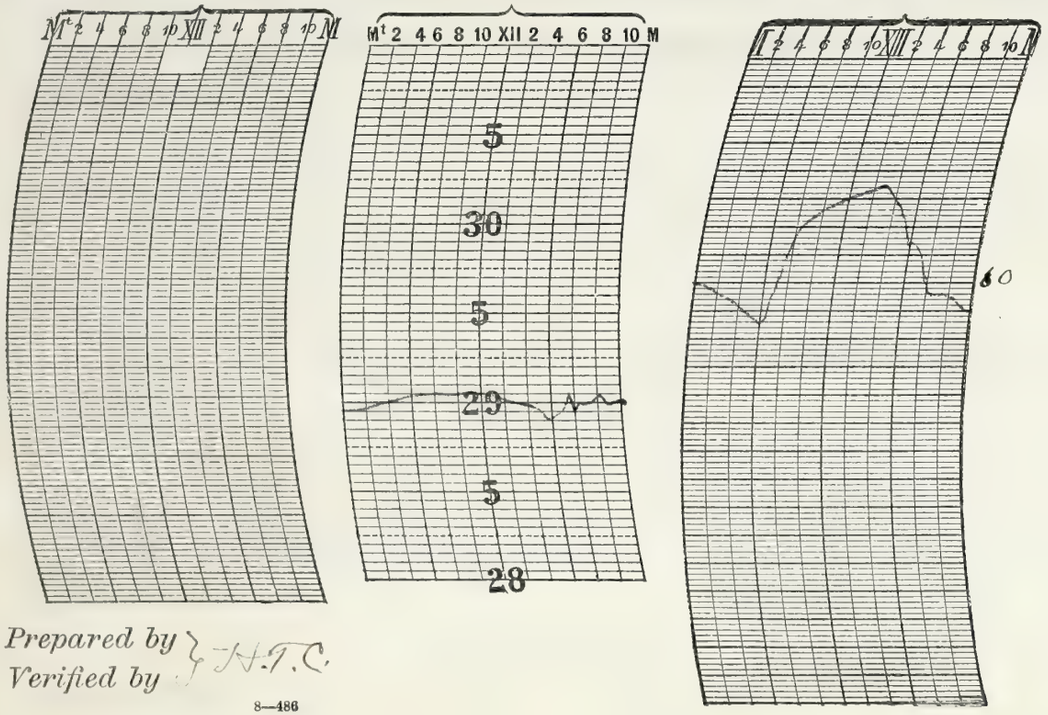
Maximum.	Minimum.	Mean.	Normal.
77	53	65	

Total depth of snow for 24 hours ending 7 p. m., 0 inche
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .03 ins.
Total precipitation, midnight to midnight, .28 inches.
Character of day, Cloudy Moon phase, First Quarter
Average daily cloudiness (0–10) 4
Actual sunshine, hours, 9.8
Possible sunshine, hours, 14.1
Percentage of possible sunshine, 75
Prevailing direction SW
Total movement, 180
Average hourly velocity, 7.5

Maximum velocity,	Direction,	Time.
19	N	7.10 p.m.

Extreme velocity, 20
Relative humidity, 56 a. m. 100 p. m.
Reduced barometer, 29.99 a. m. 29.90 p. m.
River gage, 3.2 ft.

NOTES.



Prepared by H.T.C.
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAY 14 1913, 191

Time (local standard), 90 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	53	53	52	52	52	53	52	53	53	56	58	59	59	60	61	60	57	56	55	53	52	51	50
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation	.14	.02	.01	T	.04	T	T	T	.01															
Cloudiness and other conditions					–	–	–	–	Cloudy	–	–	–			Cloudy	–	–	–	–	–				
Sunshine (in tenths of hours)				1	0	0	0	0	0	0.2	1.0	1.0	0.5	0	0	0	0	0	0					
Wind direction	E	NE	NE	E	E	NE	NE	NE	NE	E	NE	E	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	13	13	10	13	8	10	11	13	12	15	15	14	15	16	15	16	19	18	17	15	12	11	14	13

Sunrise: Time, 4.24 Character, Cloudy

Sunset: Time, 6.51 Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time 1

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
61	50	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .22 ins.; to 7 p. m., .01 ins.

Total precipitation, midnight to midnight, .23 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 9

Actual sunshine, hours, 2.7

Possible sunshine, hours, 14.4

Percentage of possible sunshine, 19

Prevailing direction E

Total movement, 328

Average hourly velocity, 13.7

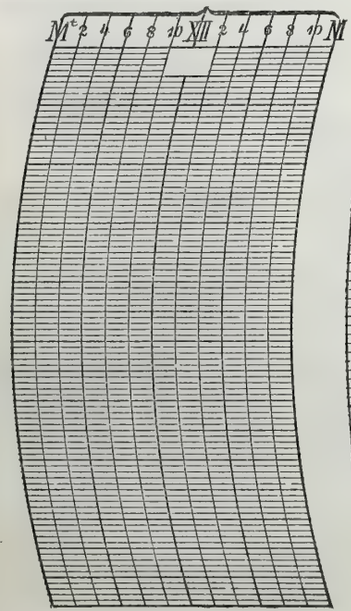
Maximum velocity,	Direction,	Time.
23	E	4.45 p m

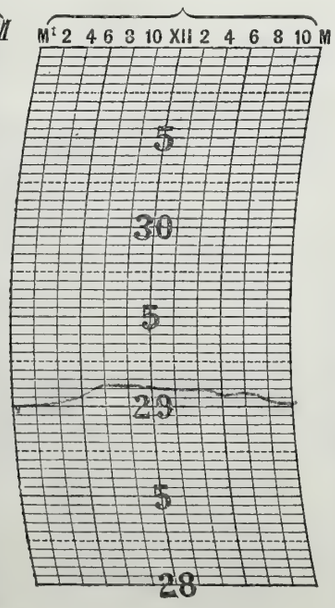
Extreme velocity, 23

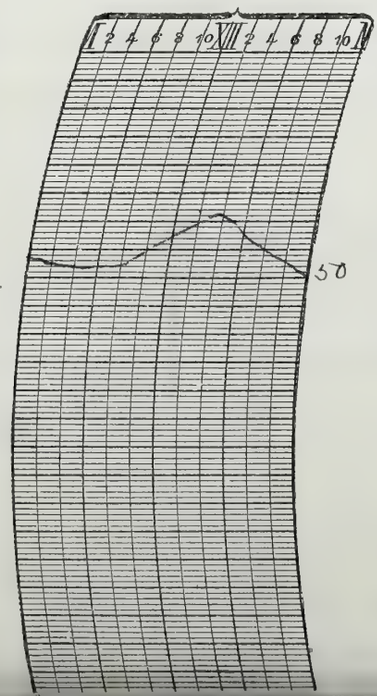
Relative humidity, 100 a. m. 79 p. m.

Reduced barometer, 30.04 a. m. 29.99 p. m.

River gage, 5.2 ft







NOTES.

Prepared by
Verified by } J.N.T.C.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAY 15 1913, 191

Time (local standard), 90 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	49	49	49	49	50	56	63	71	75	77	78	80	82	80	72	71	68	67	66	65	64	63	60
State of weather: Nature of precipitation and time of beginning and ending																RB 3.05		RL 5.40						
State of weather: Amounts of precipitation																T	T	.01						
State of weather: Cloudiness and other conditions										Pt Cloudy					Cloudy									
Sunrise: Time 4.23, Character Cloudy																					Sunset: Time 6.52, Character Cloudy			
Sunshine (in tenths of hours)				0	0	0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0	0	0	0						
Wind direction	E	E	E	E	E	E	E	S	S	SW	S	SW	SW	SW	SW	SW	SW	W	SW	SW	SW	SW	W	NW
Wind movement	13	9	7	7	8	5	4	7	13	18	19	21	22	23	26	25	17	12	10	8	9	8	10	12
Maximum velocities (exceeding 29 miles) direction and time														~~30~~ ~~SW~~ ~~245~~	30 SW 304 245	37 SW 304								

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
82	49	66	

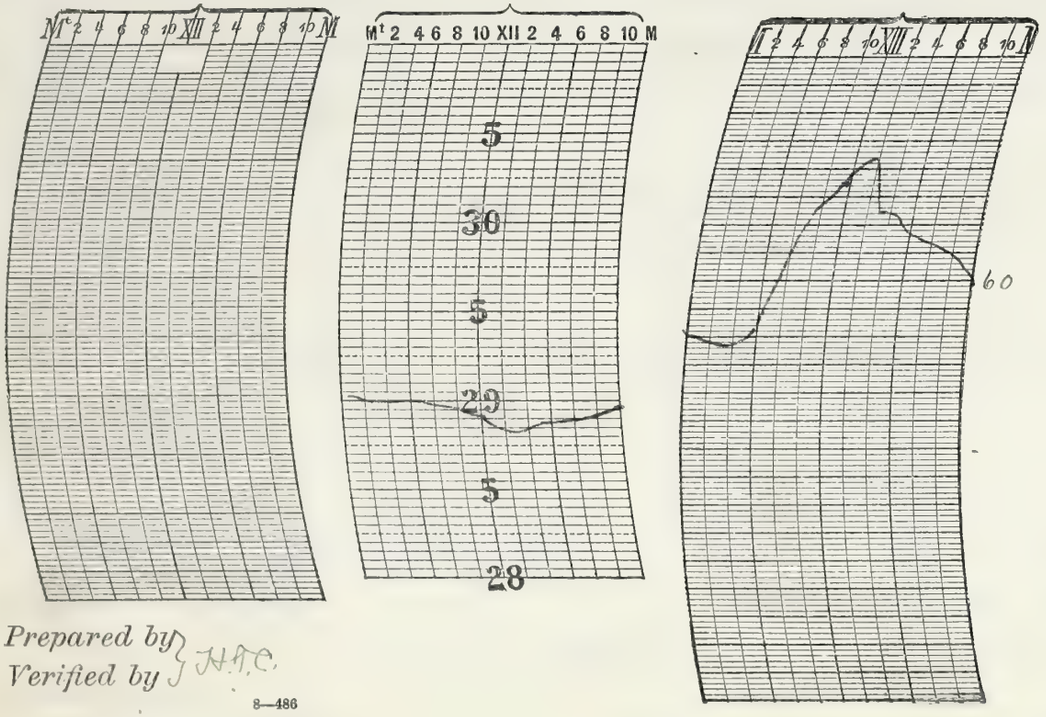
Total depth of snow for 24 hours ending 7 p. m., 0 in.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 in
Total precipitation, midnight to midnight, .01 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 8
Actual sunshine, hours, 8.4
Possible sunshine, hours, 14.5
Percentage of possible sunshine, 58
Prevailing direction SW
Total movement, 313
Average hourly velocity, 13.0

Maximum velocity,	Direction,	Time.
37	SW	3.04 P.M.

Extreme velocity, 37 40

Relative humidity, 85 a. m. 95 p. m.
Reduced barometer, 29.93 a. m. 29.82 p. m.
River gage, 3.1 ft

NOTES.



Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAY 16 1913, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	53	52	51	50	49	52	54	55	56	58	60	62	63	65	64	64	63	62	62	60	56	56	54
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions									Cloudy						Cloudy									
Sunrise: Time, Character	4.22 Cloudy																				Sunset: Time, Character	6.52 Cloudy		
Sunshine (in tenths of hours)					0	0	0.1	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0	0	0					
Wind direction	W	NW	W	W	W	W	W	NW	NW	NW	W	NW	NW	NW	W	N	N	NE	NE	NE	E	NE	NE	E
Wind movement	9	10	8	7	7	7	8	9	10	7	7	6	6	4	5	5	3	2	2	1	1	3	3	4
Maximum velocities (exceeding 47 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

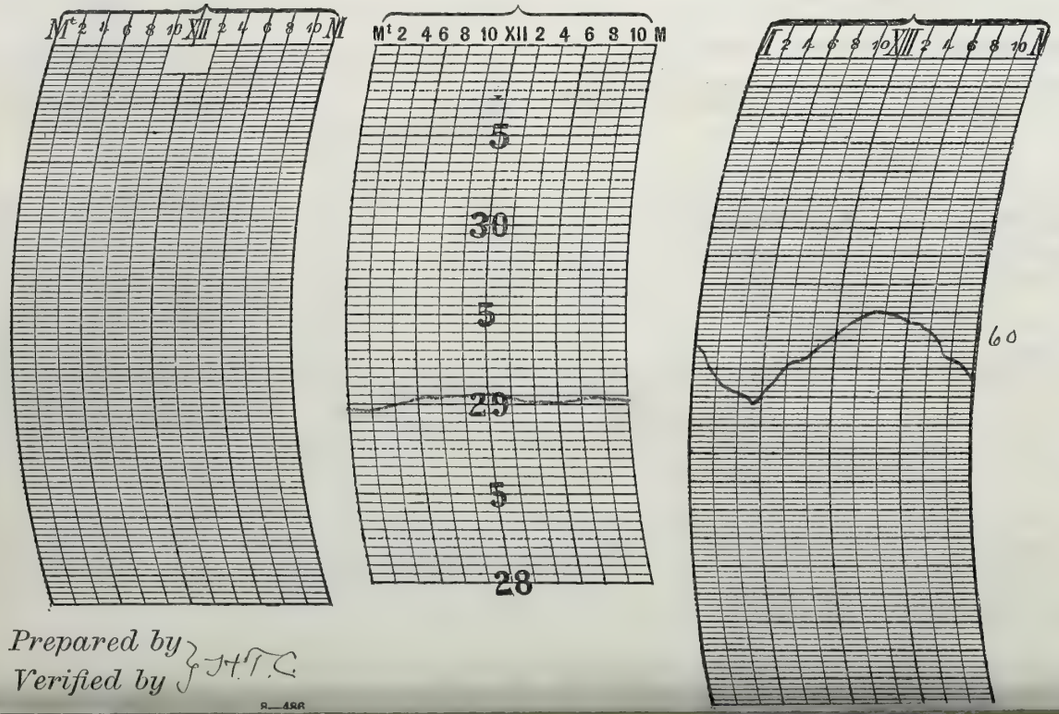
Maximum.	Minimum.	Mean.	Normal.
65	49	57	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10) 8
Actual sunshine, hours, 8.7
Possible sunshine, hours, 14.5
Percentage of possible sunshine, 60
Prevailing direction W
Total movement, 134
Average hourly velocity, 5.6

Maximum velocity,	Direction,	Time.
13	W	12.30 a.m.

Extreme velocity, 13
Relative humidity, 84 a. m. 69 p. m.
Reduced barometer, 29.97 a. m. 29.95 p. m.
River gage, 3.0 ft

NOTES.



Prepared by
Verified by } J.H.T.C.

R—488

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAY 17 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	52	50	49	47	50	56	60	65	70	73	75	77	75	76	67	62	63	62	62	60	58	58	57
State of weather: Nature of precipitation and time of beginning and ending																TS 3.06	RL 4.35							
State of weather: Amounts of precipitation																.27	.05							
State of weather: Cloudiness and other conditions							Clear								Pt Cloudy									
Sunrise: Time 4.21, Character Cloudy																								
Sunset: Time 6.53, Character Cloudy																								
Sunshine (in tenths of hours)					0	0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0	0	0	0					
Wind direction	SE	SE	SE	SE	SE	SE	S	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	SW	SW	SW	SW	SW	W	W
Wind movement	5	2	1	1	1	3	7	11	13	11	11	17	19	17	13	10	8	8	8	8	8	8	9	9
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

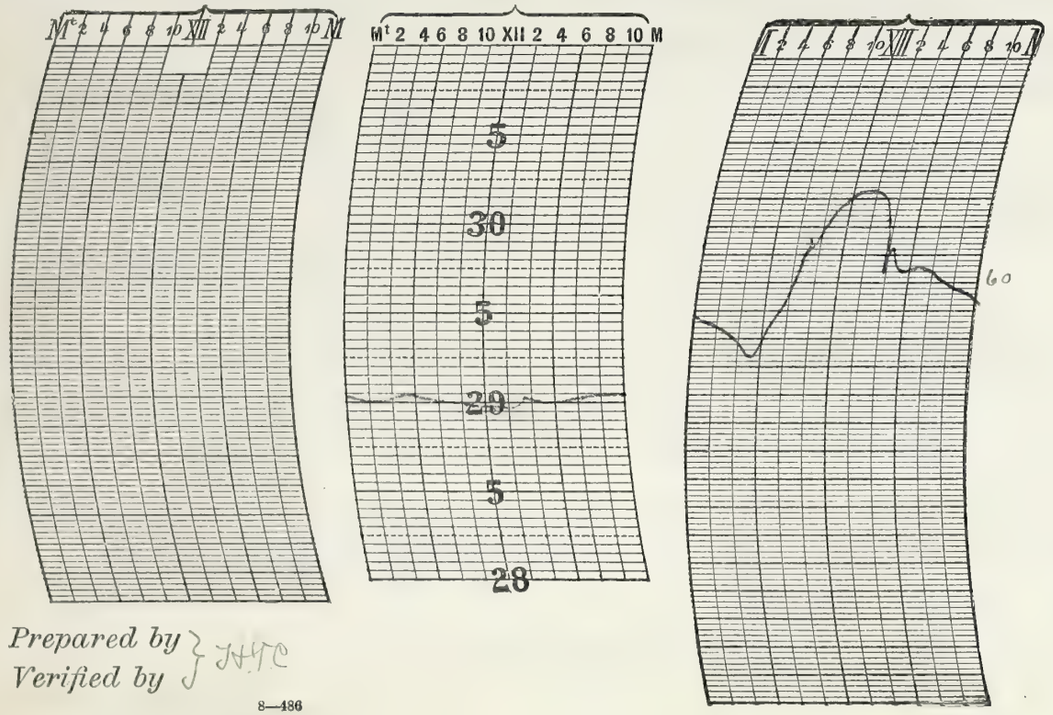
	Maximum.	Minimum.	Mean.	Normal.
	77	47	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .32 ins.
Total precipitation, midnight to midnight, .32 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0–10) 5
Actual sunshine, hours, 8.0
Possible sunshine, hours, 14.5
Percentage of possible sunshine, 55
Prevailing direction SW
Total movement, 214
Average hourly velocity, 8.9

Maximum velocity,	Direction,	Time.
24	NW	3.14 p.m.

Extreme velocity, 35

Relative humidity, 88 a. m. 94 p. m.
Reduced barometer, 29.93 a. m. 29.92 p. m.
River gage, 2.9 ft



NOTES.

4 3.00 p m.

Prepared by
Verified by HHC

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAY 18 1913, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	56	56	54	53	52	50	56	58	61	62	63	65	64	64	64	64	62	60	56	56	54	53	51	50
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear							Clear										
Sunrise: Time, Character	4.20 Clear																							
Sunshine (in tenths of hours)					0	0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.6	0.1					
Wind direction	W	W	W	W	W	W	W	NW	NW	NW	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	O
Wind movement	8	7	6	5	4	5	6	9	14	13	13	14	16	15	15	14	15	13	8	3	3	3	1	0
Maximum velocities (exceeding 19 miles) direction and time																								
Sunset: Time, Character																			6.54 Clear					

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

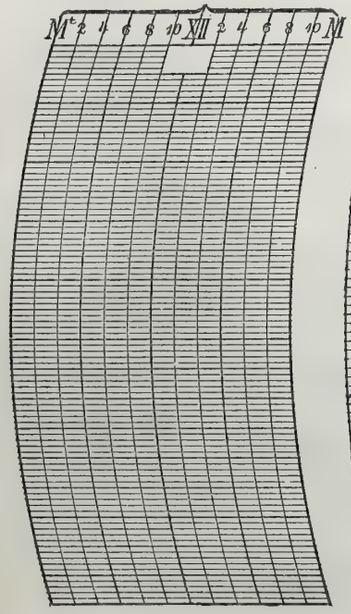
1 hours slower than 75th meridian time.

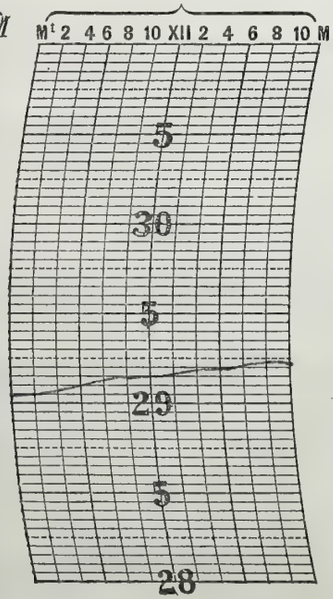
Maximum.	Minimum.	Mean.	Normal.
65	50	58	

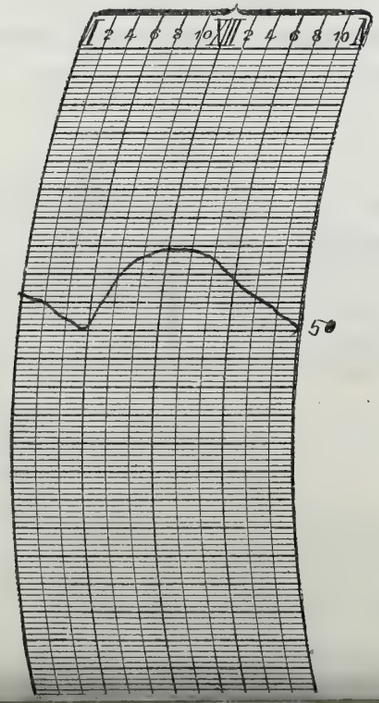
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10) 1
Actual sunshine, hours, 14.0
Possible sunshine, hours, 14.6
Percentage of possible sunshine, 96
Prevailing direction NW
Total movement, 210
Average hourly velocity, 8.8

Maximum velocity,	Direction,	Time.
18	NW	1.35 p.m.

Extreme velocity, 18
Relative humidity, 76 a. m. 58 p. m.
Reduced barometer, 30.02 a. m. 30.13 p. m.
River gage, 4.9 ft.







NOTES.

Prepared by } J.N.T.C.
Verified by }

8—198

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAY 19 1913, 191

Time (local standard), 90 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	47	47	46	48	49	53	57	59	61	63	65	65	66	67	67	67	66	64	64	61	59	57	56
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions									Clear						Clear				Cldy					
Sunrise: Time, 4.19 Character, Clear					.68	0.9															Sunset: Time, 6.55 Character, Cloudy			
Sunshine (in tenths of hours)					0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0	0					
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NE	NE	NE	N	E	NW	E	NE	NE	NE	NE	NE	NE	E	E	E
Wind movement	1	2	3	2	1	3	2	4	7	6	4	5	5	4	4	4	5	4	3	3	7	10	11	11
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

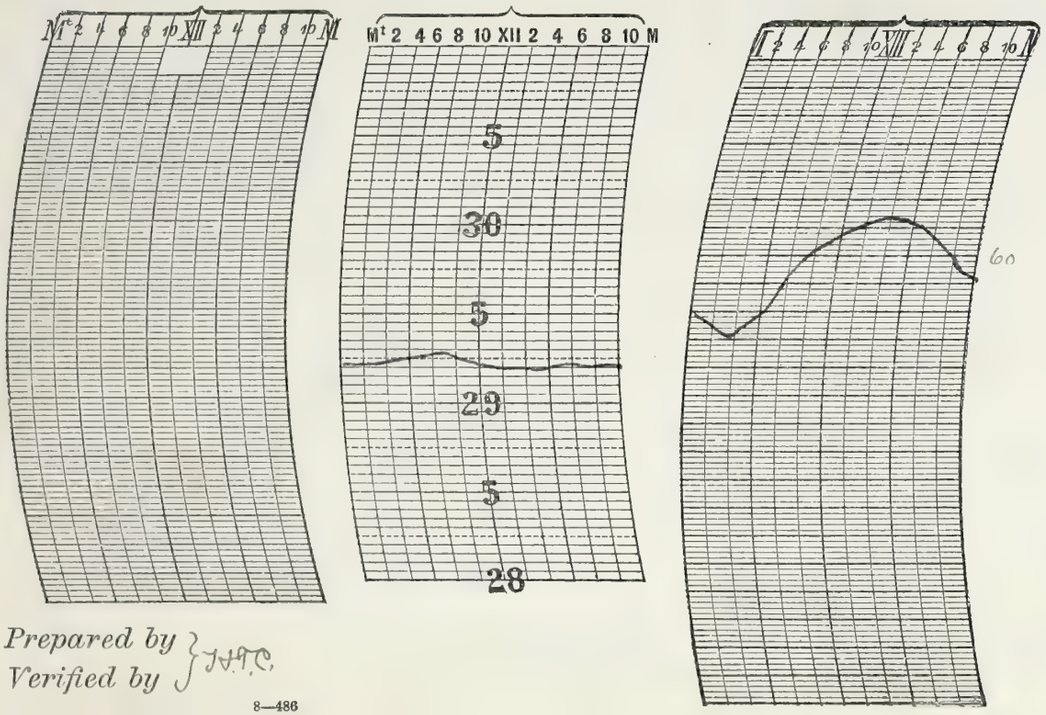
Maximum.	Minimum.	Mean.	Normal.
67	46	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10) 2
Actual sunshine, hours, 12.4
Possible sunshine, hours, 14.6
Percentage of possible sunshine, 85
Prevailing direction NE, NW
Total movement, 110
Average hourly velocity, 4.6

Maximum velocity,	Direction,	Time.
13	E	11.65 p.m.

Extreme velocity, 13
Relative humidity, 60 a. m. 70 p. m.
Reduced barometer, 30.20 a. m. 30.13 p. m.
River gage, 4.8 ft

NOTES.



Prepared by
Verified by J.H.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAY 20 1913, 191

Time (local standard) 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	55	54	53	52	51	52	53	55	57	59	61	63	65	67	71	70	70	67	64	59	57	56	57	56
State of weather: Nature of precipitation and time of beginning and ending			RB RN PL DN																					RB DN
State of weather: Amounts of precipitation			T																					.04
State of weather: Cloudiness and other conditions								Cloudy					×	Clear				×	Cldy					
Sunrise: Time 4.18, Character Cloudy																					Sunset: Time 6.56, Character Cloudy			
Sunshine (in tenths of hours)					0	0	0	0	0	0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.5	0					
Wind direction	E	NE	NE	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	E	SE
Wind movement	9	8	8	9	11	11	9	9	11	9	10	12	14	12	13	13	13	11	14	13	14	12	9	3
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

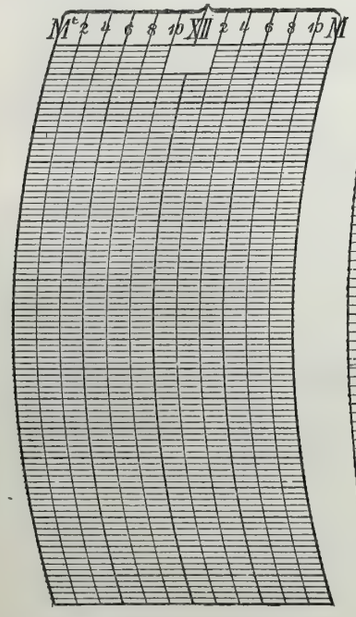
Maximum.	Minimum.	Mean.	Normal.
71	51	61	

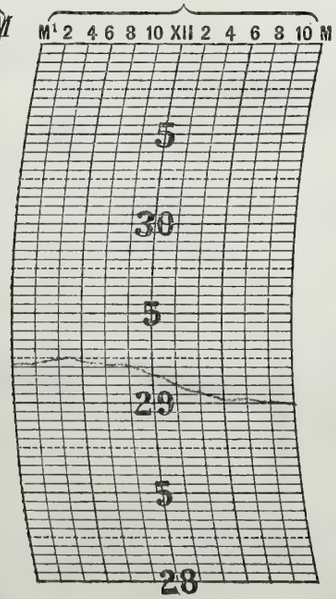
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .04 inches.
Character of day, Cloudy Moon phase, Full Moon
Average daily cloudiness (0–10) 6.4
Actual sunshine, hours, 7.4
Possible sunshine, hours, 14.6
Percentage of possible sunshine, 51
Prevailing direction E
Total movement, 259
Average hourly velocity, 10.8

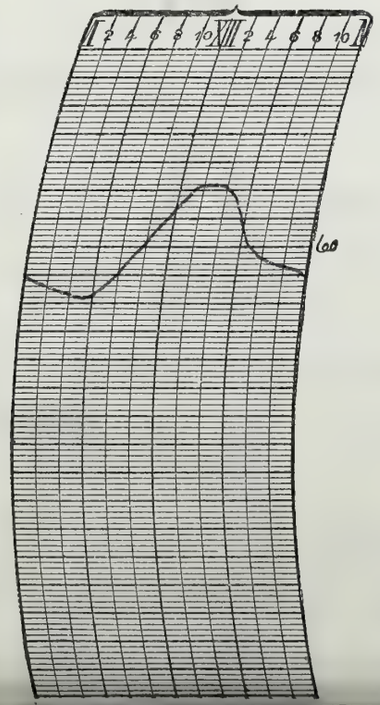
Maximum velocity,	Direction,	Time.
17	E	6.50 p.m.

Extreme velocity, 17
Relative humidity, 78 a. m., 56 p. m.
Reduced barometer, [illegible] a. m., 29.94 p. m.
River gage, 2.7 ft.

NOTES.







Prepared by J.H.C
Verified by

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAY 21 1913, 191

Time (local standard), 90 mer. — A. M. / P. M.

	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	54	61	61	62	62	64	65	68	72	74	73	75	76	77	78	75	70	64	65	65	65	65	64	63
State of weather: Nature of precipitation and time of beginning and ending			RE DN							RB 6.45 RE 7.55					RB 2.20 RE 2.40			RB 5.02 RE 6.00		RB 7.15 RE 7.58				
Amounts of precipitation	T	.45	.12							T					T			.20		.04				
Cloudiness and other conditions																								

Pt Cloudy — Pt Cloudy

Sunrise: Time 4.18, Character, Cloudy

Sunset: Time 6.57, Character, Cloudy

Sunshine (in tenths of hours)				0	0	0.7	1.0	1.0	0.6	0.6	1.0	1.0	1.0	0.3	0.6	0	0	0						
Wind direction	N	N	SE	S	S	SE	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W
Wind movement	4	3	1	5	4	7	10	15	17	16	15	20	21	18	15	16	14	14	11	13	9	10	8	10

Maximum 24 velocities (exceeding 20 miles) direction and time

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.
	78	54	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .61 ins.; to 7 p. m., .20 ins.

Total precipitation, midnight to midnight, .81 inches.

Character of day, Pt Cloudy Moon phase, 4

Average daily cloudiness (0–10),

Actual sunshine, hours, 7.8

Possible sunshine, hours, 14.6

Percentage of possible sunshine, 53

Prevailing direction SW

Total movement, 282

Average hourly velocity, 11.8

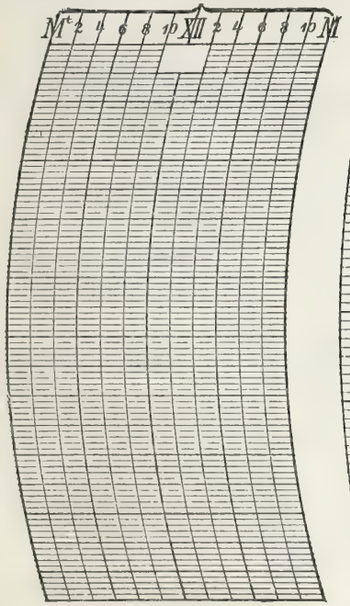
Maximum velocity, 27 Direction, SW Time. 11.40 a.m.

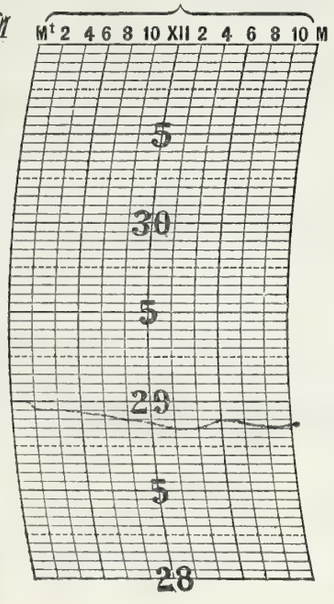
Extreme velocity, 28

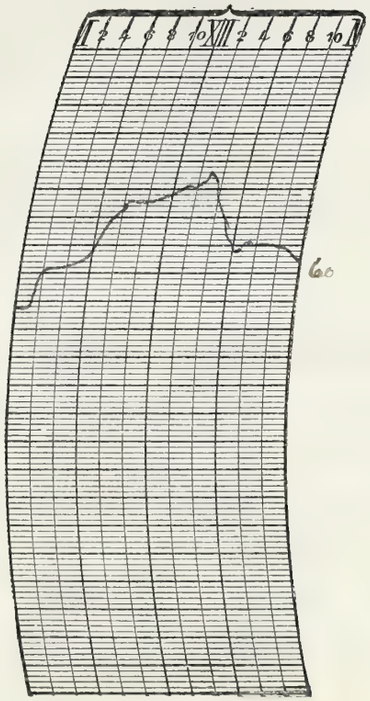
Relative humidity, 75 a. m. 95 p. m.

Reduced barometer, 29.85 a. m. 29.78 p. m.

River gage, 3.2 ft.







Prepared by
Verified by } H.T.C.

8—486

NOTES.

R 1.00 a.m.; 3.00 p.m.; 7.00 p.m.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAY 22 1913, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	61	58	55	54	53	53	53	53	53	54	54	53	54	54	54	53	54	52	52	52	52	52	51	51
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					—	—	—	—	Cloudy	—	—	—	—	—	Cloudy	—	—	—	—	—	—	—	—	—	—
Sunrise: Time, 4.17 Character, Cloudy																					Sunset: Time, 6.58 Character, Cloudy			
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Wind direction	W	W	W	SW	W	W	W	W	W	W	W	SW	SW	SW	SW	W	W	W	SW	W	SW	SW	SW	SW
Wind movement	11	13	13	12	12	11	12	11	11	11	11	11	12	12	13	11	9	8	7	6	6	5	5	6
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
63	51	57	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .09 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10) 10
Actual sunshine, hours, 0
Possible sunshine, hours, 14.7
Percentage of possible sunshine, 0
Prevailing direction W
Total movement, 239
Average hourly velocity, 10.0

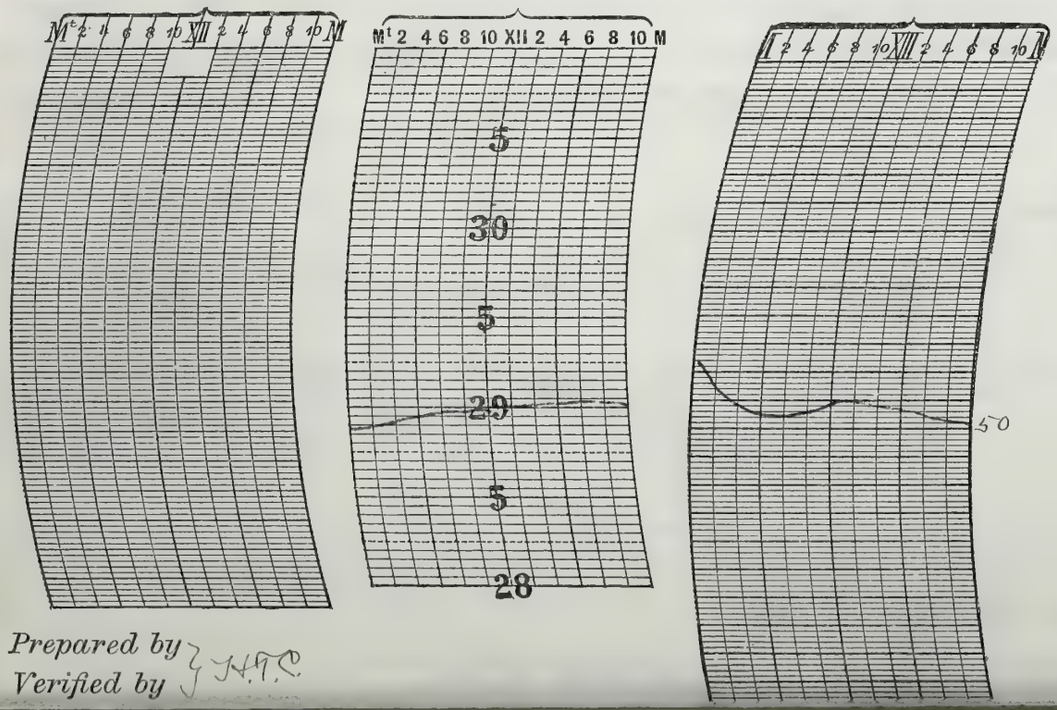
Maximum velocity,	Direction,	Time.
17	W	11 a. m.

Extreme velocity, 17

	a. m.	p. m.
Relative humidity,	88	91
Reduced barometer,	29.90	29.95

River gage, 3.6 ft.

NOTES.



Prepared by
Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAY 23 1913, 191

Time (local standard), 90 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	50	50	50	49	49	50	51	51	52	52	52	53	54	55	54	54	53	53	52	50	49	47	46
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Cloudy								Cloudy									
Sunrise: Time, 4.16 Character, Cloudy																					Sunset: Time, 6.39 Character, Cloudy			
Sunshine (in tenths of hours)					0	0	0	0	0	0.1	0	0.2	0.2	0	0	0	0	0	0					
Wind direction	SW	W	W	W	W	SW	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	6	5	6	5	5	6	6	6	8	8	8	9	9	10	9	9	9	10	8	5	4	6	5	5
Maximum velocities (exceeding 24 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

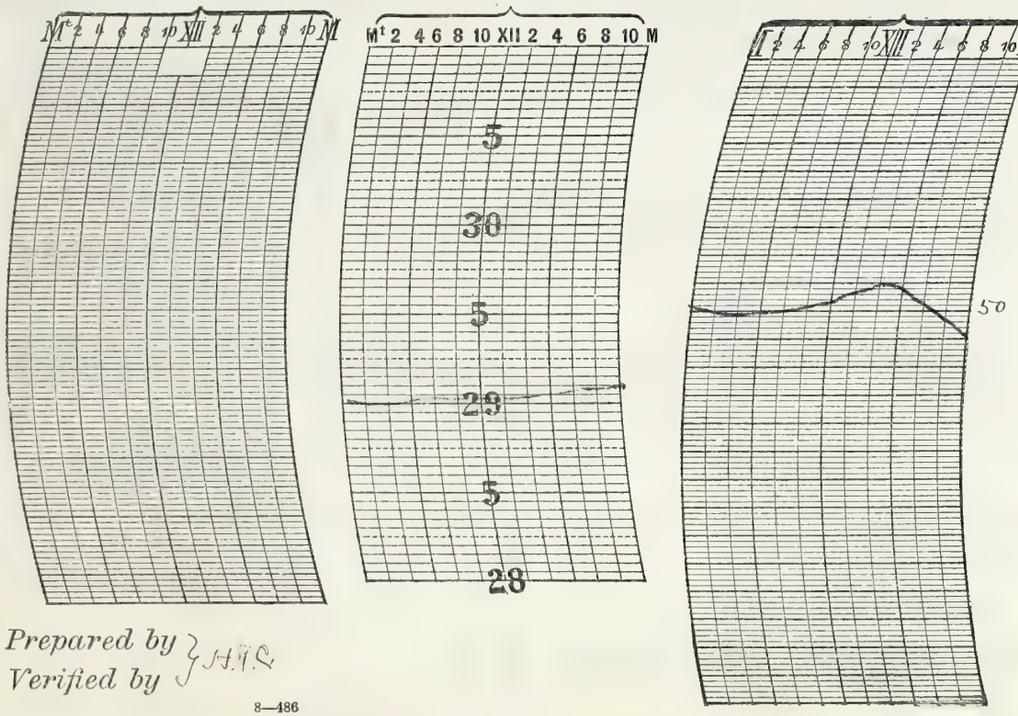
Maximum.	Minimum.	Mean.	Normal.
53	46	50	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10) 10
Actual sunshine, hours, 0.5
Possible sunshine, hours, 14.7
Percentage of possible sunshine, 3
Prevailing direction NW
Total movement, 167
Average hourly velocity, 7.0

Maximum velocity,	Direction,	Time.
14	NW	11.05 a.m.

Extreme velocity, 15
Relative humidity, 93 a. m. 75 p. m.
Reduced barometer, 29.95 a. m. 30.00 p. m.
River gage, 3.5ft.

NOTES.



Prepared by
Verified by J.H.S.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) MAY 24 1913, 191

Time (local standard), 90 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	44	42	43	43	42	45	47	52	57	60	63	66	68	70	69	68	66	64	61	60	60	60	60
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Cldy	→		Clear					→			Pt Cloudy							
Sunrise: Time, Character,	4.15 Cloudy																				Sunset: Time, Character,			7.00 Cloudy
Sunshine (in tenths of hours)				0	0	0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.3	0.1	0.4	0					
Wind direction	W	W	W	NW	NW	NW	NW	W	NW	NW	NW	NW	W	NW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	3	3	3	3	5	6	6	7	7	8	6	7	8	5	9	10	10	8	7	7	7	7	9	10
Maximum velocities (exceeding 24 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

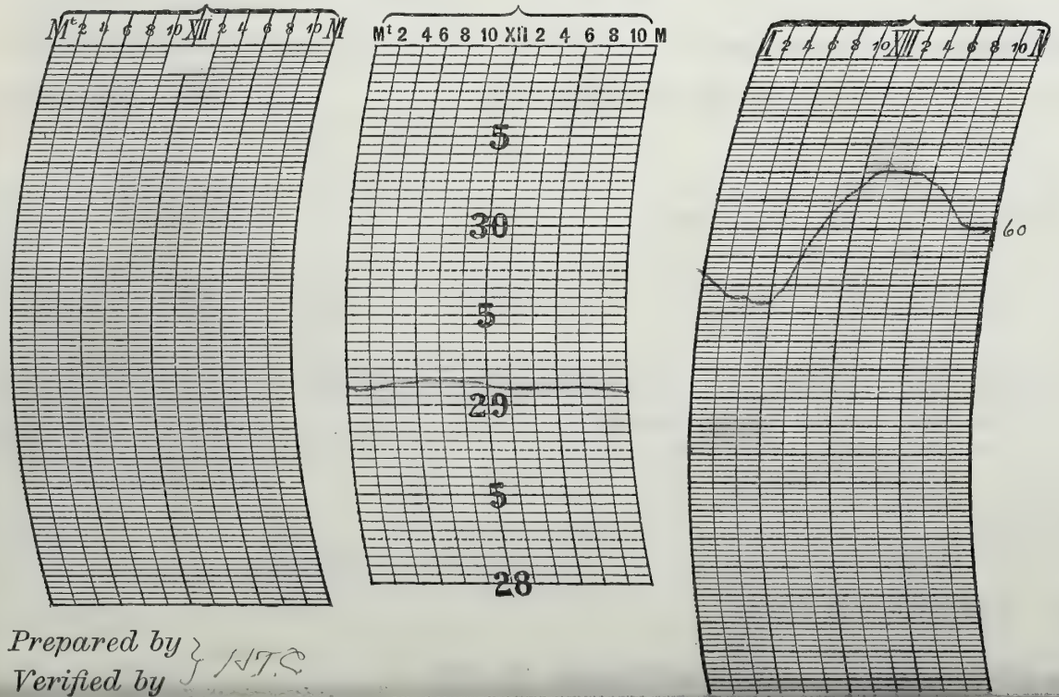
Maximum.	Minimum.	Mean.	Normal.
70	42	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10) 6.5
Actual sunshine, hours, 8.8
Possible sunshine, hours, 14.8
Percentage of possible sunshine, 59
Prevailing direction SW
Total movement, 167
Average hourly velocity, 7.0

Maximum velocity,	Direction,	Time.
12	SW	3.00 pm.

Extreme velocity, 12
Relative humidity, 93 a. m., 70 p. m.
Reduced barometer, 30.08 a. m., 30.02 p. m.
River gage, 3.4 ft.

NOTES.



Prepared by
Verified by } N.T.S.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) MAY 25 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	59	58	58	57	56	56	57	56	58	60	64	68	69	70	67	65	63	61	60	58	58	56	53
State of weather: Nature of precipitation and time of beginning and ending						RB 5.20		RL 7.10																
State of weather: Amounts of precipitation						T	T	T																
State of weather: Cloudiness and other conditions					Cloudy	×					Clear		×				Cloudy							
Sunrise: Time, 4.15 Character, Cloudy																					Sunset: Time, 7.00 Character, Cloudy			
Sunshine (in tenths of hours)					0	0	0	0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0.2	0	0	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	NW	W	NW	NW	NW	NW	N	NE	NE	NE	NE	NE	NE	E	E	E
Wind movement	10	8	7	7	6	6	6	6	8	5	8	6	5	8	7	11	10	10	10	7	6	8	10	9
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

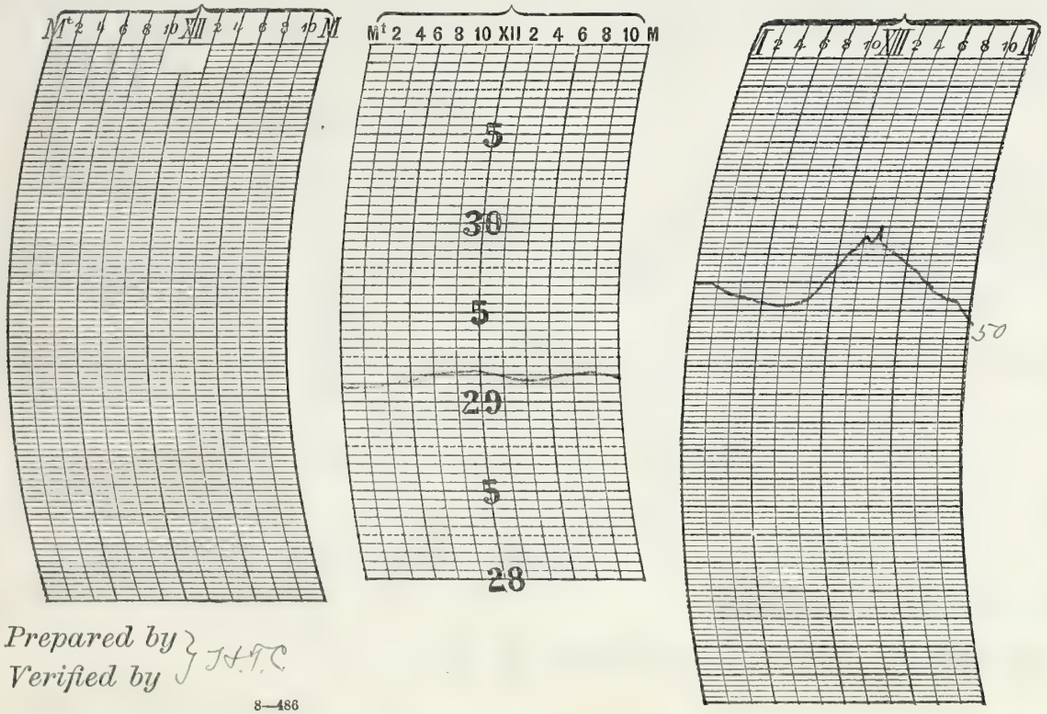
Maximum 70 — Minimum 53 — Mean 62 — Normal

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 4
Actual sunshine, hours, 6.1
Possible sunshine, hours, 14.8
Percentage of possible sunshine, 45
Prevailing direction SW
Total movement, 184
Average hourly velocity, 7.7

Maximum velocity, 13 Direction, NE Time, 3.55 p.m.
Extreme velocity, 13

Relative humidity, 94 a. m. 74 p. m.
Reduced barometer, 30.04 a. m. 30.07 p. m.
River gage, 3.4 ft

NOTES.



Prepared by
Verified by J.H.T.C

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) MAY 26 1913, 191

Time (local standard), 90 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	51 RB DN	50	49	49	47	46	47	48	49	50	51	51	52	53	54	54	54	54	54	54	52	51 TR DN	49
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation		.03	.04	.11	.08	.02	.06	.02	.05	.14	.14	.10	.16	.14	.08	.16	.07	.26	.18	.05	.05	.03	.01	
Cloudiness and other conditions								Cloudy							Cloudy									
Sunrise: Time 4.14 Character, Cloudy																								
Sunset: Time 7.02 Character, Cloudy																								
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Wind direction	E	E	E	E	E	E	E	E	E	E	E	NE	E	NE	E	E	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	10	8	7	8	8	7	8	11	8	9	10	10	12	12	12	14	13	14	12	10	9	16	19	16
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.
	55	46	50	

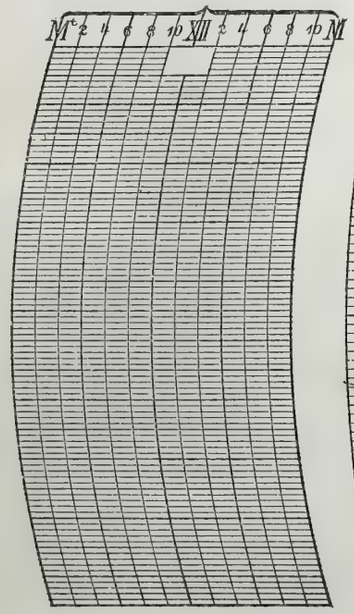
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .34 ins.; to 7 p. m., .50 ins.
Total precipitation, midnight to midnight, .98 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 10
Actual sunshine, hours, 0
Possible sunshine, hours, 14.8
Percentage of possible sunshine, 0
Prevailing direction NE
Total movement, 263
Average hourly velocity, 11.0

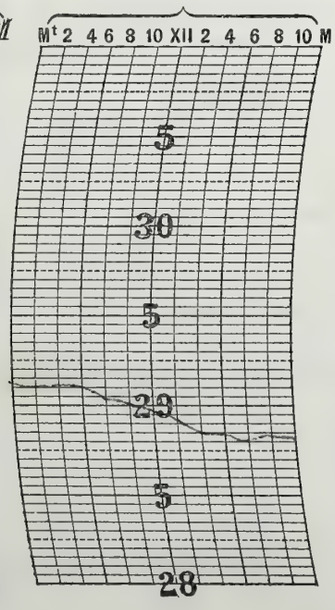
Maximum velocity,	Direction,	Time.
21	NE	10.36 p m

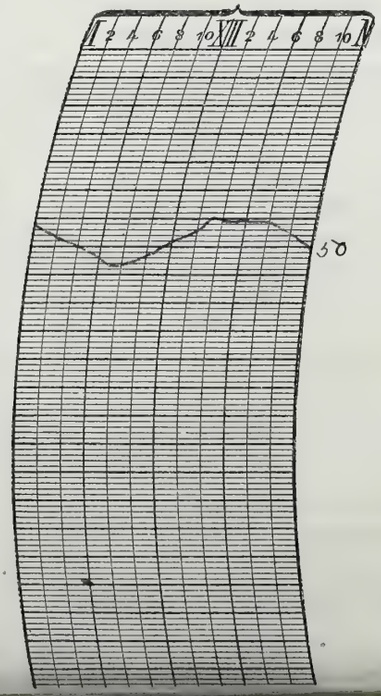
Extreme velocity, 21

Relative humidity, 100 a. m. 100 p. m.
Reduced barometer, 30.0 a. m. 29.73 p. m.
River gage, 3.3 ft

NOTES.







Prepared by
Verified by J.F.T.C.

Form No. 1014—Mcy.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) MAY 27 1913, 191

Time (local standard), 90 mer. — / hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	48	49	50	49	48	50	51	55	56	60	63	65	67	67	67	66	65	64	62	60	57	55	54
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Cloudy	—	x	—	P.Cloudy	—	x	—	—	Clear	—	—	—	—	—	—	—	—	—
Sunshine (in tenths of hours)					0	0	0	0.2	0.2	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5				
Wind direction	NE	NE	N	N	N	N	N	N	N	N	N	N	N	N	NW	N	N	N	NW	NW	NW	NW	NW	NW
Wind movement	18	17	14	13	13	14	14	13	13	13	16	15	14	16	15	11	11	8	5	5	6	6	4	4
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 4.13 Character, Cloudy

Sunset: Time, 7.02 Character, Clear

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum. 67 Minimum. 48 Mean. 58 Normal.

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .14 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, P.Cloudy Moon phase, Last Quarter

Average daily cloudiness (0-10) 4

Actual sunshine, hours, 9.8

Possible sunshine, hours, 14.8

Percentage of possible sunshine, 66

Prevailing direction N

Total movement, 278

Average hourly velocity, 11.6

Maximum velocity, 21 Direction, NE Time. 12.18 AM

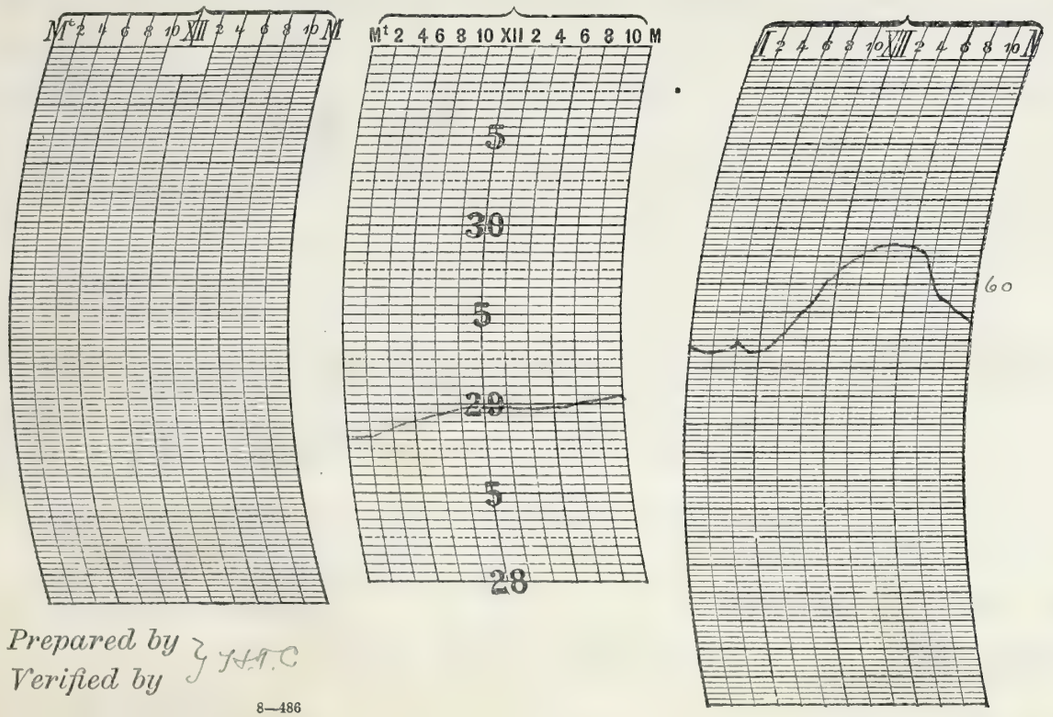
Extreme velocity, 22

Relative humidity, 87 a. m. 66 p. m.

Reduced barometer, 29.86 a. m. 29.92 p. m.

River gage, 8.2 ft.

NOTES.



Prepared by J. H. C.

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) MAY 28 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

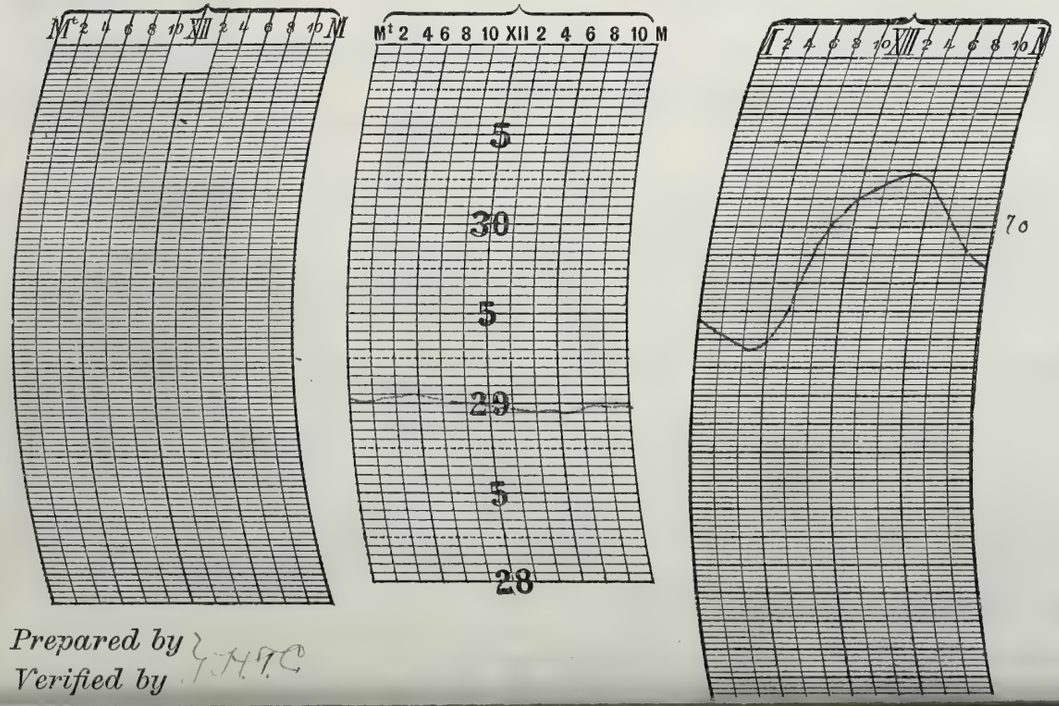
	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	53	51	50	49	48	50	54	56	63	68	73	73	74	76	78	79	79	78	74	73	70	67	65	63
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					—	Cloudy		*		—	Clear				—	Clear								
Sunrise: Time 4.13, Character Cloudy																					Sunset: Time 7.03, Character Clear			
Sunshine (in tenths of hours)					0	0	0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	1.0	0.5				
Wind direction	NW	W	W	W	SW	SW	SW	SW	SW	SW	SW	W	NW	NW	W	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	3	3	5	4	6	7	8	9	12	10	8	8	7	7	9	8	7	7	6	8	9	7	5	5
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum 79 | Minimum 48 | Mean 64 | Normal

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, ____ inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, ____
Average daily cloudiness (0–10) 2
Actual sunshine, hours, 11.6
Possible sunshine, hours, 14.8
Percentage of possible sunshine, 78
Prevailing direction NW
Total movement, 168
Average hourly velocity, 7.0
Maximum velocity, 15 Direction, SW Time. 8.35 a.m.
Extreme velocity, 16
Relative humidity, 65 a. m. 64 p. m.
Reduced barometer, 29.96 a. m. 29.86 p. m.
River gage, 8.6 ft

NOTES.



Prepared by
Verified by J.H.T.C

FORM NO. 1011—Mod. 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) MAY 29 1919, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	60	58	57	57	57 RB 5.30	57	58	60	61	60 RE 10.20	64	67	70	71	70	71	67	64	64	63	62	62	63
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation						.02	.02	T	T	T	T													
Cloudiness and other conditions						Cloudy							× Cloudy											
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0.2	0.7	0.7	0.1	0	0.2	0	0	0				
Wind direction	5	5	3	4	3	7	6	6	5	6	6	4	8	8	5	5	7	9	11	9	7	6	5	4
Wind movement	NW	NW	NW	NW	NW	NW	N	NE	NE	NE	E	E	SE	SE	SE	E	E	E	E	E	E	E	E	E

Sunrise: Time, 4.12 Character, Cloudy

Sunset: Time, 7.04 Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

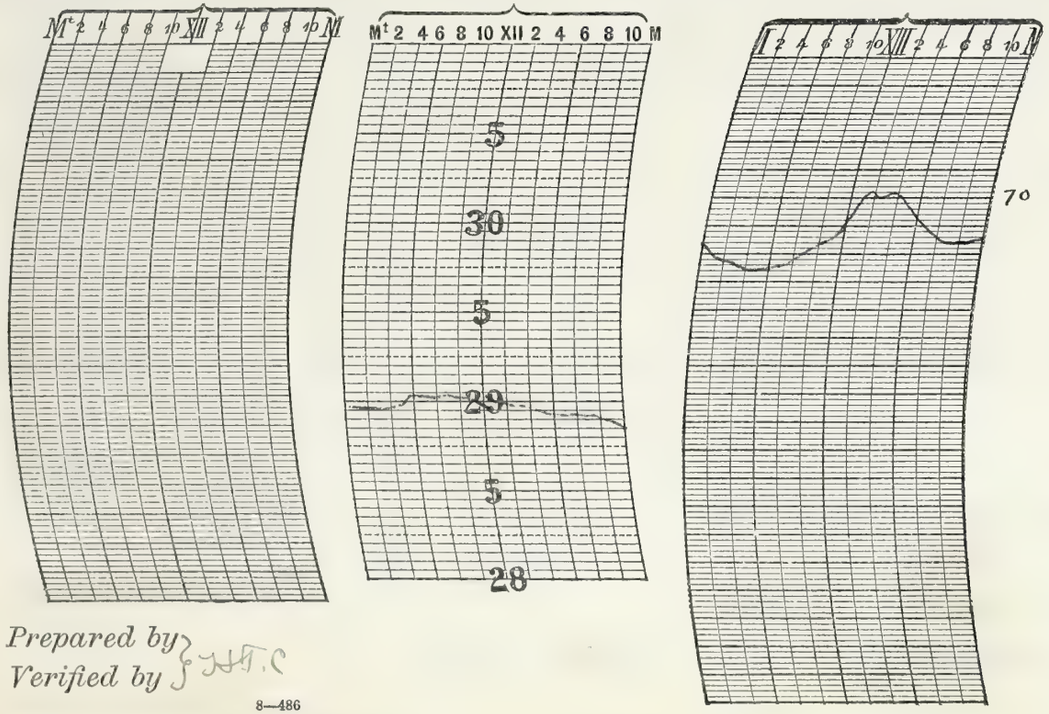
Maximum.	Minimum.	Mean.	Normal.
71	57	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .04 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .04 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 9
Actual sunshine, hours, 1.9
Possible sunshine, hours, 14.9
Percentage of possible sunshine, 13
Prevailing direction ~~NW~~ E
Total movement, ~~60~~ 144
Average hourly velocity, 6.0

Maximum velocity, 12 Direction, E Time, 6.40 p.m.
Extreme velocity, 12

Relative humidity, 100 a. m. 82 p. m.
Reduced barometer, 29.96 a. m. 29.84 p. m.
River gage, 8.4 ft.

NOTES.



Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) MAY 30 1913, 191

Time (local standard), 90 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	64	64	62	60	58	61	62	67	71	74	77	78	74	72	71	70	70	69	68	67	66	64	62
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					—	Cloudy		×					R	Cloudy										
Sunrise: Time, 4.12 Character, Cloudy																					Sunset: Time, 7.05 Character, Cloudy			
Sunshine (in tenths of hours)	0	0	0	0	0	0	0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.5	0.5	0	0	0			
Wind direction	SE	SE	SE	NE	NE	NE	NE	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	N	NW	N
Wind movement	5	4	2	4	4	3	2	2	3	7	7	11	17	17	15	13	11	9	6	4	3	2	4	2
Maximum velocities (exceeding 29 miles) direction and time																								

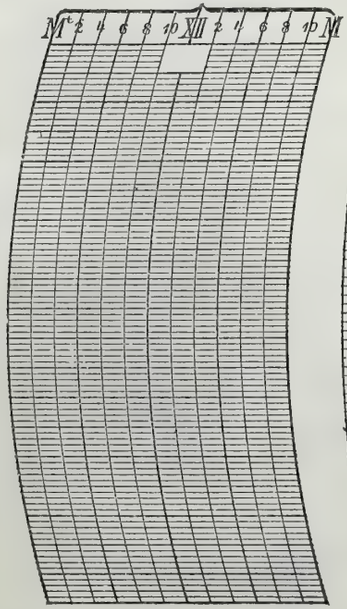
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

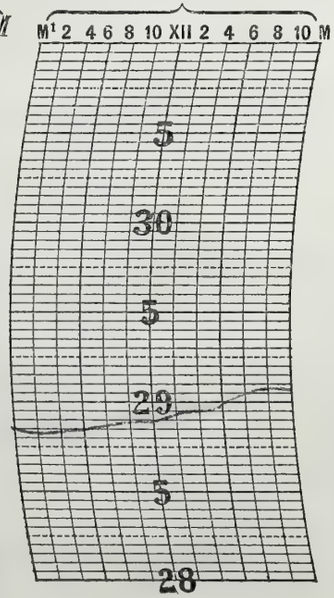
1 hours slower than 75th meridian time.

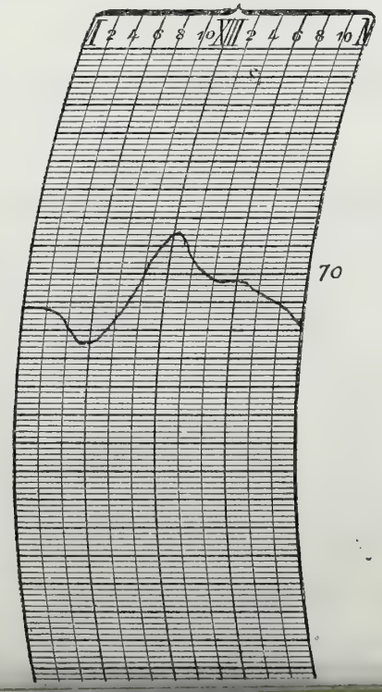
Maximum.	Minimum.	Mean.	Normal.
78	58	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, R Cloudy Moon phase,
Average daily cloudiness (0–10) 5
Actual sunshine, hours, 8.1
Possible sunshine, hours, 14.9
Percentage of possible sunshine, 54
Prevailing direction NW
Total movement, 157
Average hourly velocity, 6.5

Maximum velocity, 21 Direction, NW Time, 1.20 p.m.
Extreme velocity, 21
Relative humidity, 94 a. m. 77 p. m.
Reduced barometer, 29.86 a. m. 29.92 p. m.
River gage, 8.0 ft.







NOTES.

Lt. Fog { 13 DNa
E 7.30 a.m.

Prepared by
Verified by } H.T.C

Form No. 1014—Met 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind, (Day of week) Saturday, (Date) MAY 31 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	61	60	60	58	55	55	61	63	68	70	73	78	79	80	80	80	80	78	75	74	73	69	67	66
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions										Pt Cloudy										Clear				
Sunrise: Time, 4.11 Character, Cloudy																					Sunset: Time, 7.06 Character, Clear			
Sunshine (in tenths of hours)					0	0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0/0				
Wind direction	N	O	N	N	N	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	N	N	M	SE	SE
Wind movement	1	0	1	1	2	2	2	2	5	5	5	5	5	4	7	5	5	3	4	4	2	5	5	4
Maximum velocities (exceeding 24 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

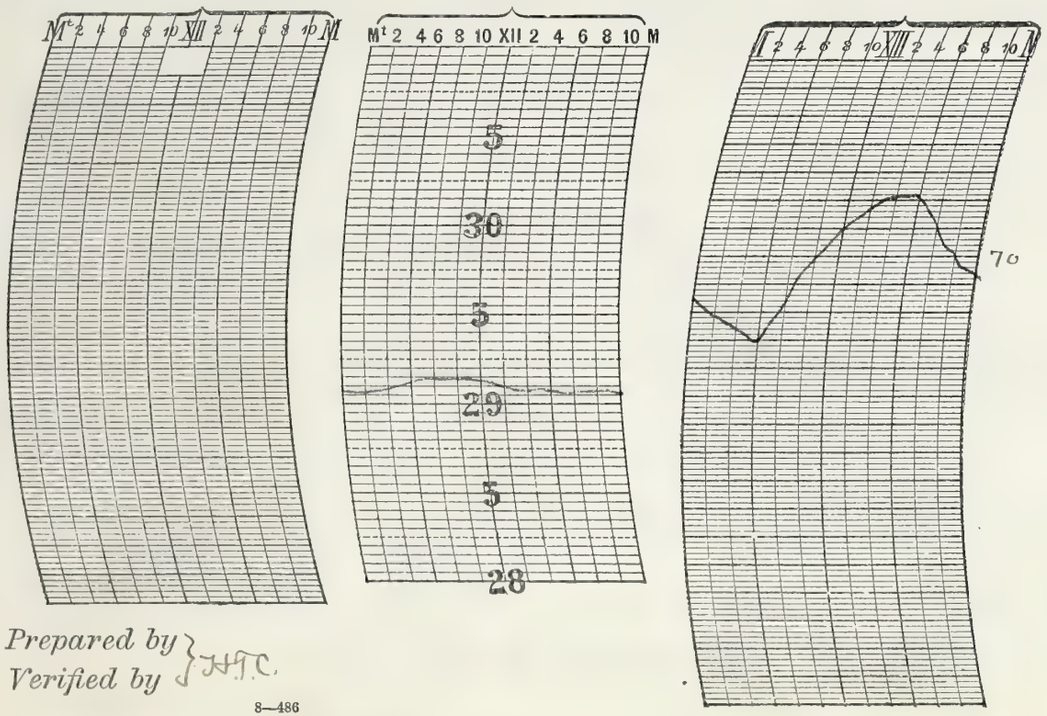
	Maximum.	Minimum.	Mean.	Normal.
	80	55	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 6 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10) 2
Actual sunshine, hours, 12.7
Possible sunshine, hours, 14.9
Percentage of possible sunshine, 85
Prevailing direction N, NW
Total movement, 84
Average hourly velocity, 3.5

Maximum velocity,	Direction,	Time.
9	NW	2.55 p.m.

Extreme velocity, 9
Relative humidity, 68 a. m. 60 p. m.
Reduced barometer, 30.06 a. m. 29.96 p. m.
River gage, 7.5 ft.

NOTES.



Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) [illegible], (Day of week) Sunday, (Date) JUN 1 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	65	65	65	65	64	71	73	76 RB 8.33	66	66 RE 10.37	68	65	73	77	78	79	76	74	71	70	69	67	65
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation									T	.16	.05													
Cloudiness and other conditions					Clear		x			Cloudy		x			Clear		x	Cloudy						
Sunrise: Time 4.11, Character Clear					.82	0.7															Sunset: Time 7.07, Character Cloudy			
Sunshine (in tenths of hours)					0	0.3	1.0	1.0	0.3	0	0	0	0.5	1.0	1.0	1.0	0.6	0.5	0	0				
Wind direction	SE	SE	S	SE	S	S	SW	SW	SW	W	NW	W	W	SW	SW	SW	SW	NW	NW	NW	NW	N	N	NE
Wind movement	4	4	4	3	5	9	12	16	13	19	9	5	4	13	15	14	10	10	8	11	10	11	15	10
Maximum velocities (exceeding 29 miles) direction and time										34 W 9.15														

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	79	64	72	

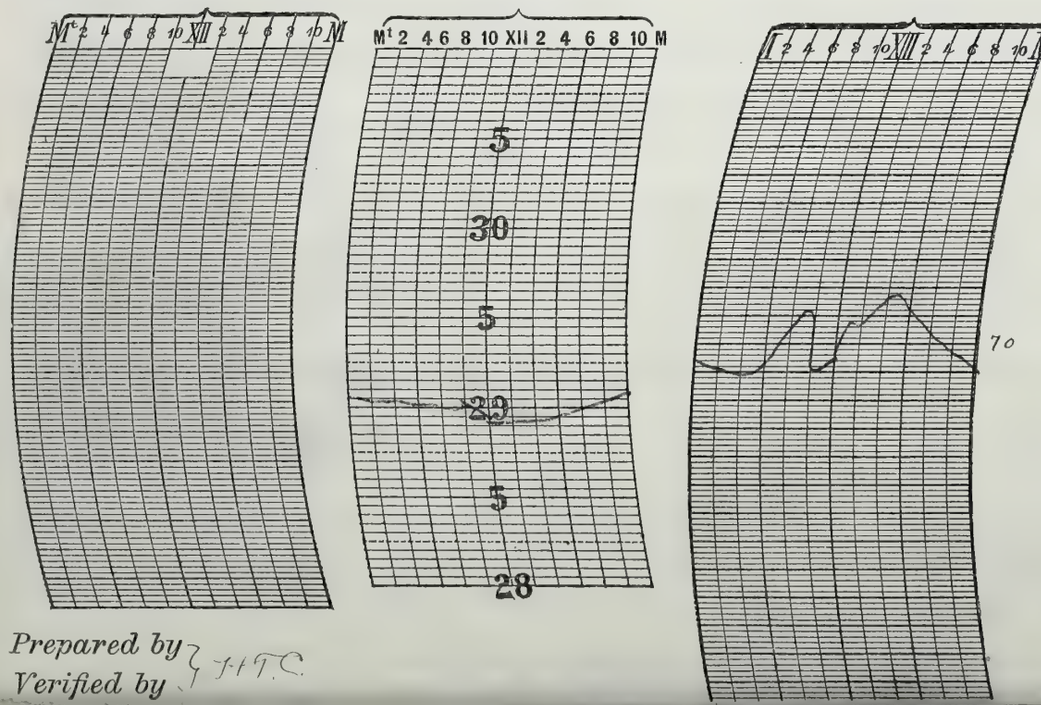
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .21 ins.
Total precipitation, midnight to midnight, .21 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10) 4
Actual sunshine, hours, 8.1
Possible sunshine, hours, 14.9
Percentage of possible sunshine, 58
Prevailing direction SW
Total movement, 236
Average hourly velocity, 9.8

Maximum velocity,	Direction,	Time.
34	W	9.15 a.m.

Extreme velocity, 35

	a. m.	p. m.
Relative humidity,	73	68
Reduced barometer,	29.89	29.86

River gage, 7.0 ft.



10.37 a.m.

NOTES.

Prepared by
Verified by H.T.C.

FORM NO. 1012—MAY 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUN 2 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	60	58	56	54	56	57	60	63	65	67	70	72	74	74	74	74	72	70	69	69	66	64	63
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions									Clear						Clear									
Sunrise: Time, Character,	4.10 Clear																				Sunset: Time, Character,			7.07 Clear
Sunshine (in tenths of hours)					.8 0	.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.5	1.0	.12 0				
Wind direction	NE	NE	NE	NE	NE	NE	E	E	E	E	SE	NE	NE	NE	NE	NE	NE	NE	NE	E	SE	SE	SE	SE
Wind movement	8	7	7	9	9	8	9	7	6	5	3	3	6	6	5	4	4	4	4	4	4	4	5	7
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

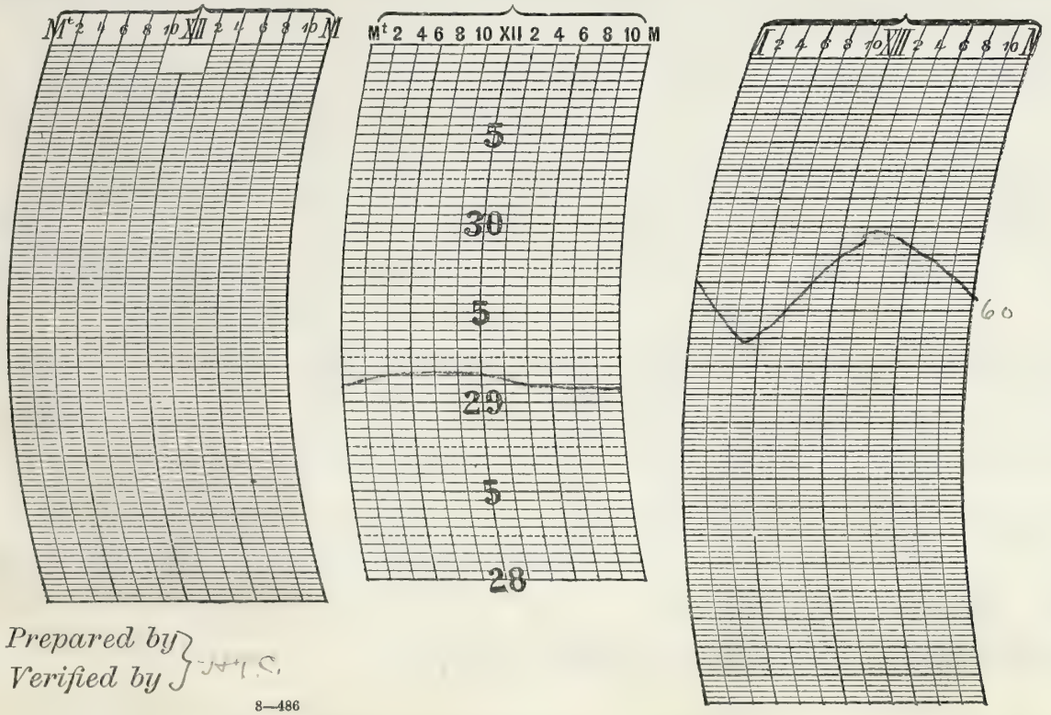
	Maximum.	Minimum.	Mean.	Normal.
	74	54	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 1.0
Actual sunshine, hours, 15.0
Possible sunshine, hours, 15.0
Percentage of possible sunshine, 100
Prevailing direction NE
Total movement, 140
Average hourly velocity, 5.8

Maximum velocity,	Direction,	Time.
11	E	7.08 a.m.

Extreme velocity, 11
Relative humidity, 77 a. m. 46 p. m.
Reduced barometer, 30.09 a. m. 29.99 p. m.
River gage, 6.8

NOTES.



Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUN 3 1913, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	61	60	60	59	60	66	68	71	75	78	78	80	81	81	80	79	75	70	67	65	62	61	60
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear								Clear									
Sunrise: Time, Character,	4.10 Clear																				Sunset: Time, 7.08 Character, Clear			
Sunshine (in tenths of hours)					.83 0	0.8 0.2	1.0	1.0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9 0.1	.13 0				
Wind direction	SE	SE	SE	SE	SE	S	S	SW	SW	SW	SW	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	N
Wind movement	5	5	4	2	3	5	9	9	12	13	13	9	13	12	13	15	18	18	12	8	8	8	7	11

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.
	81	59	70	

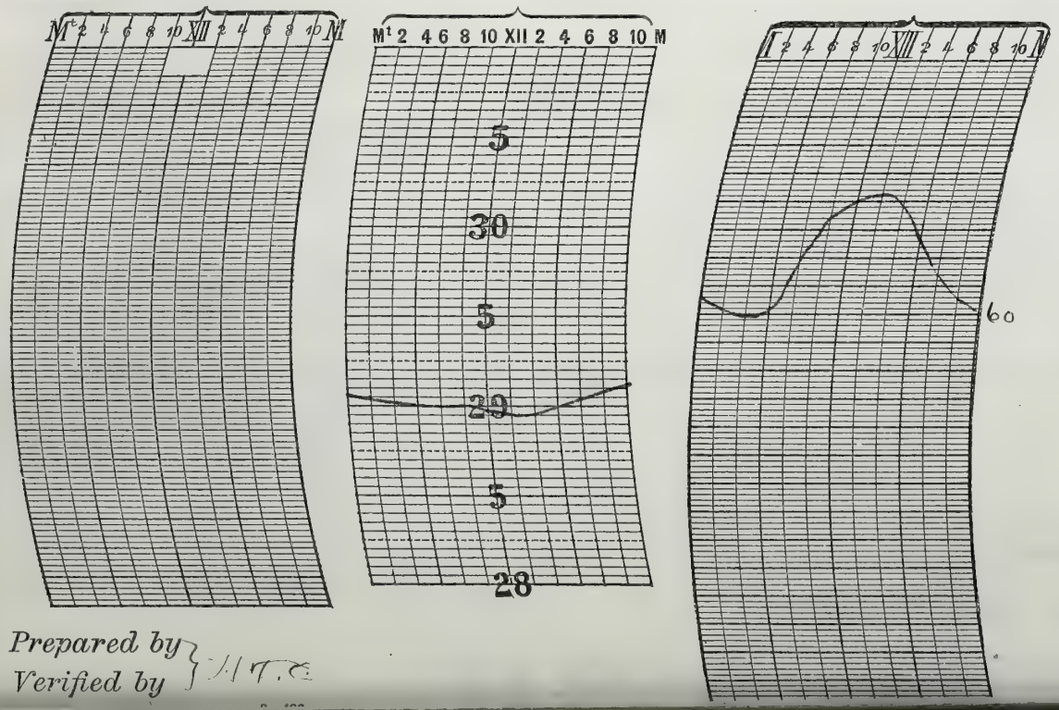
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 0
Actual sunshine, hours, 14.8
Possible sunshine, hours, 15.0
Percentage of possible sunshine, 97
Prevailing direction NW
Total movement, 232
Average hourly velocity, 9.7

Maximum velocity,	Direction,	Time.
23	NW	4.40 p.m.

Extreme velocity, 23 25

Relative humidity, 68 a. m. 60 p. m.
Reduced barometer, 29.89 a. m. 29.91 p. m.
River gage, 6.4 ft.

NOTES.



Prepared by
Verified by

Form No. 1014—Met 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUN 4 1913, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	57	55	54	52	53	57	59	61	62	64	66	68	69	70	71	71	70	68	67	66	64	62	61
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Clear										Clear									
Sunrise: Time, 4.10 Character, Clear																					Sunset: Time, 7.04 Character, Clear			
Sunshine (in tenths of hours)					.83 0	.05 0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.2 0.8	1.0 0	.15 0				
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	E	NE	NE	NE	NE	NE	NE	NE	N	NE	E	E	E	E	O	E
Wind movement	10	11	11	9	8	9	8	9	8	8	8	7	7	6	6	6	5	4	2	3	2	1	0	1
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

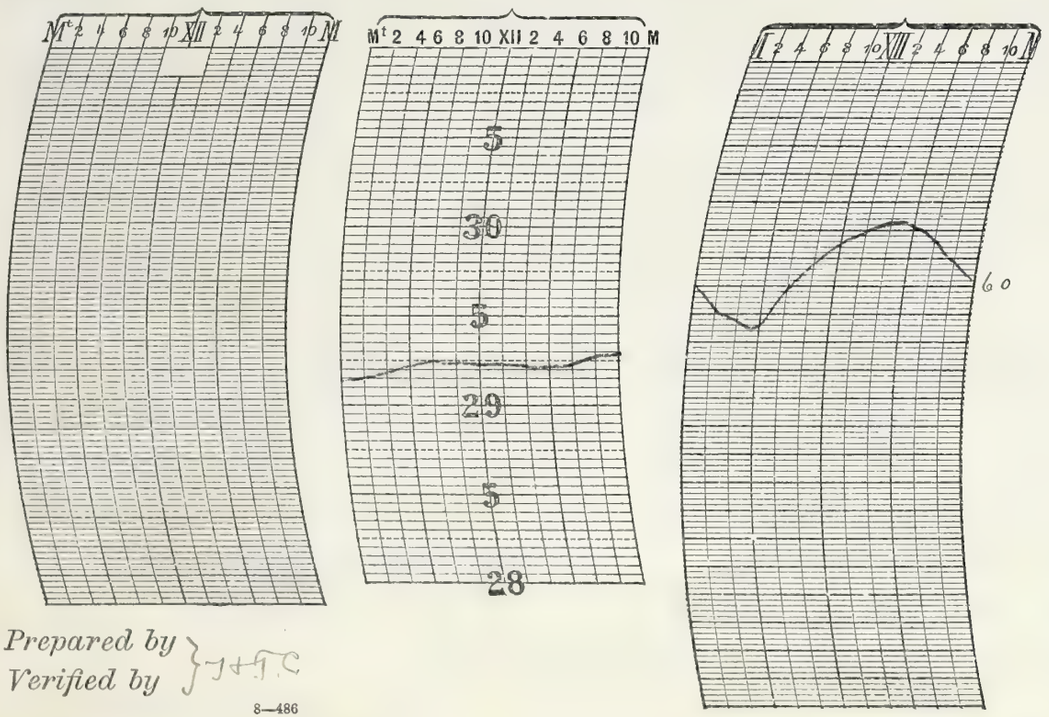
Maximum.	Minimum.	Mean.	Normal.
71	52	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, New Moon
Average daily cloudiness (0-10) 0
Actual sunshine, hours, 15.0
Possible sunshine, hours, 15.0
Percentage of possible sunshine, 100
Prevailing direction NE
Total movement, 149
Average hourly velocity, 6.2

Maximum velocity,	Direction,	Time.
14	NE	12.45 a.m.

Extreme velocity, 15
Relative humidity, 72 a. m. 47 p. m.
Reduced barometer, 30.15 a. m. 30.12 p. m.
River gage, 5.9 ft.

NOTES.



Prepared by
Verified by J.H.C

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUN 5 1913, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	60	57	56	56	55	56	61	63	65	68	70	72	73	75	76	76	76	75	73	71	69	68	67	65
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Clear							Clear									
Sunrise: Time 4.09, Character, Clear																					Sunset: Time 7.09, Character, Clear			
Sunshine (in tenths of hours)					0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0				
Wind direction	E	E	E	E	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	S	S
Wind movement	2	3	3	4	5	8	9	8	10	10	9	9	8	10	10	12	10	9	7	7	8	7	9	9

Maximum 29 velocities (exceeding ---- miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

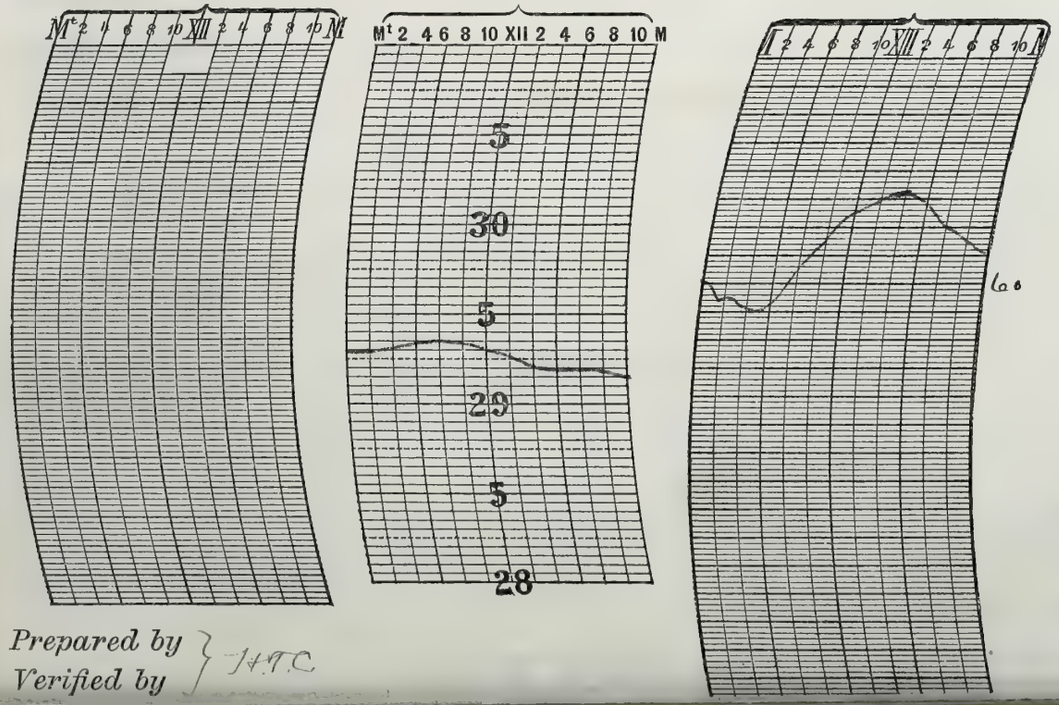
Maximum.	Minimum.	Mean.	Normal.
76	55	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10) 0
Actual sunshine, hours, 15.0
Possible sunshine, hours, 15.0
Percentage of possible sunshine, 100
Prevailing direction SE
Total movement, 186
Average hourly velocity, 7.8

Maximum velocity,	Direction,	Time.
14	SE	9.55 a.m.

Extreme velocity, 14
Relative humidity, 54 a. m. 41 p. m.
Reduced barometer, 30.25 a. m. 30.09 p. m.
River gage, 4.8 ft.

NOTES.



Prepared by
Verified by } H.T.C.

Form No. 1014—Met 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUN 6 1913, 191

Time (local standard), 90 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	63	62	61	60	62	69	71	75	80	82	85	88	88	89	89	86	84	81	79	78	77	73	71
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							— Clear —						*	— Cloudy —										
Sunrise: Time, 4.09 Character, Clear					.85	0.8															Sunset: Time, 7.10 Character, Cloudy			
Sunshine (in tenths of hours)					0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.7	0.6	0	0	0				
Wind direction	S	SW	SW	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	S	SW	SW	SW
Wind movement	8	7	8	8	8	10	11	13	16	16	15	15	16	16	12	8	11	4	6	6	11	14	10	8
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
89	60	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inche
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10) 2
Actual sunshine, hours, 12.0
Possible sunshine, hours, 15.0
Percentage of possible sunshine, 80
Prevailing direction SW
Total movement, 257
Average hourly velocity, 10.7

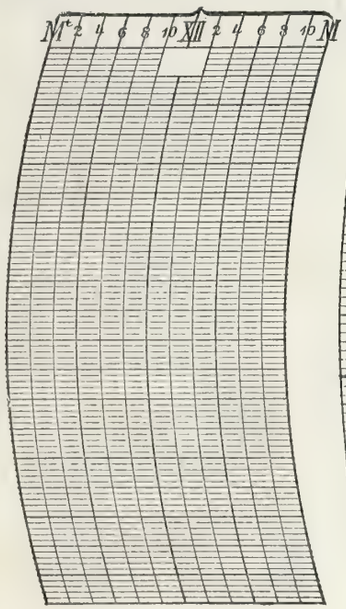
Maximum velocity,	Direction,	Time.
20	SW	11.30 a.m.

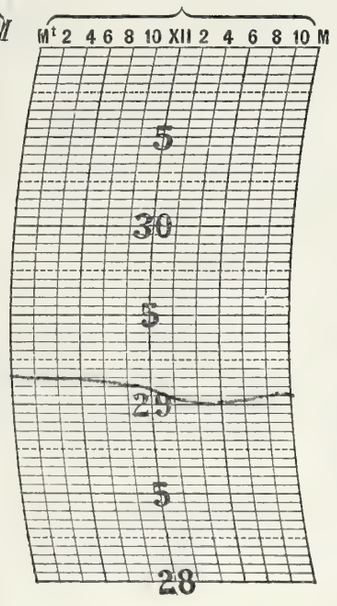
Extreme velocity, 2021

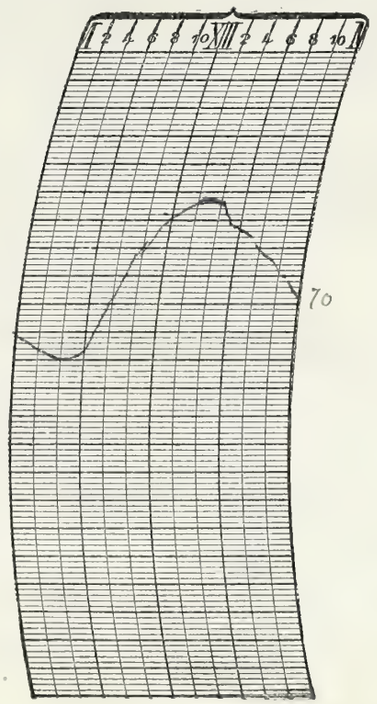
Relative humidity, 59 a. m. 58 p. m.
Reduced barometer, 30.02 a. m. 29.87 p. m.
River gage, 3.8 ft.

NOTES.

Rain in vicinity south of Station







Prepared by
Verified by } H.W.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUN 7 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	68	68	67	66 RB 4.40	60	55	54	54	53	54 RE 10.40	55	55	55 RB 1.20	56 RE 2.10	56	56	56	55	53	51	49	47	46
State of weather: Nature of precipitation and time of beginning and ending					T	.02	T	T	T	T	T			T	T									
State of weather: Amounts of precipitation																								
State of weather: Cloudiness and other conditions									Cloudy						Cloudy									
Sunshine (in tenths of hours)	Sunrise: Time 4.09, Character Cloudy				0	0	0	0	0	0	0	0	0	0	0.1	0	0	0	0	0	Sunset: Time 7.10, Character Cloudy			
Wind direction	SW	SW	SW	W	NW	N	NE	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	9	9	5	4	11	11	12	14	16	11	13	13	12	14	14	13	11	16	14	16	14	10	10	11
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	71	46	58	

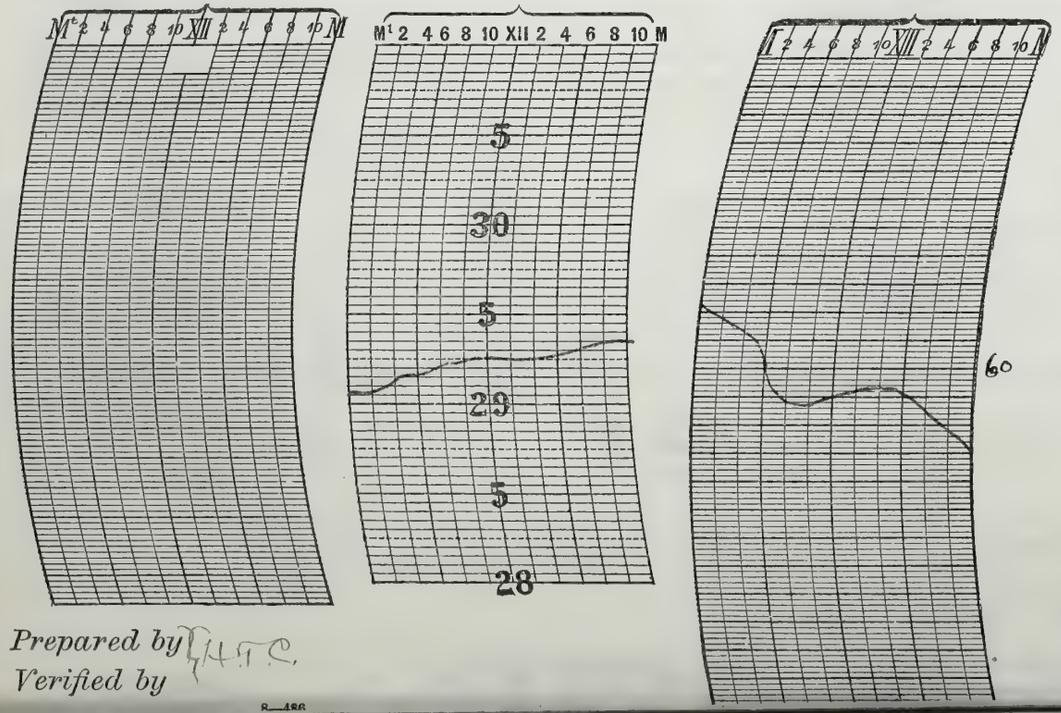
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .02 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 10
Actual sunshine, hours, 0.1
Possible sunshine, hours, 15.0
Percentage of possible sunshine, 1
Prevailing direction NE
Total movement, 283
Average hourly velocity, 11.8

Maximum velocity,	Direction,	Time.
30	NE	2.45 p.m.

Extreme velocity, 32

Relative humidity, 100 a. m. 71 p. m.
Reduced barometer, 30.08 a. m. 30.21 p. m.
River gage, 3.1 ft.

NOTES.



Prepared by H.T.C.
Verified by

8—486

FORM NO. 1012—MOD. F.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUN 8 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	43	42	41	40	39	40	46	48	50	52	54	56	58	59	59	59	58	56	53	51	49	48	46	45
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					—			Clear	—	—	—	—	—	—	Clear	—	—	—	—	—				
Sunrise: Time, 4.09 Character, Clear																					Sunset: Time, 7.11 Character, Clear			
Sunshine (in tenths of hours)					0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	0	0				
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	12	12	10	10	10	10	14	19	20	19	19	19	19	17	15	18	15	16	14	10	8	9	8	9
Maximum velocities (exceeding 20 miles) direction and time																								

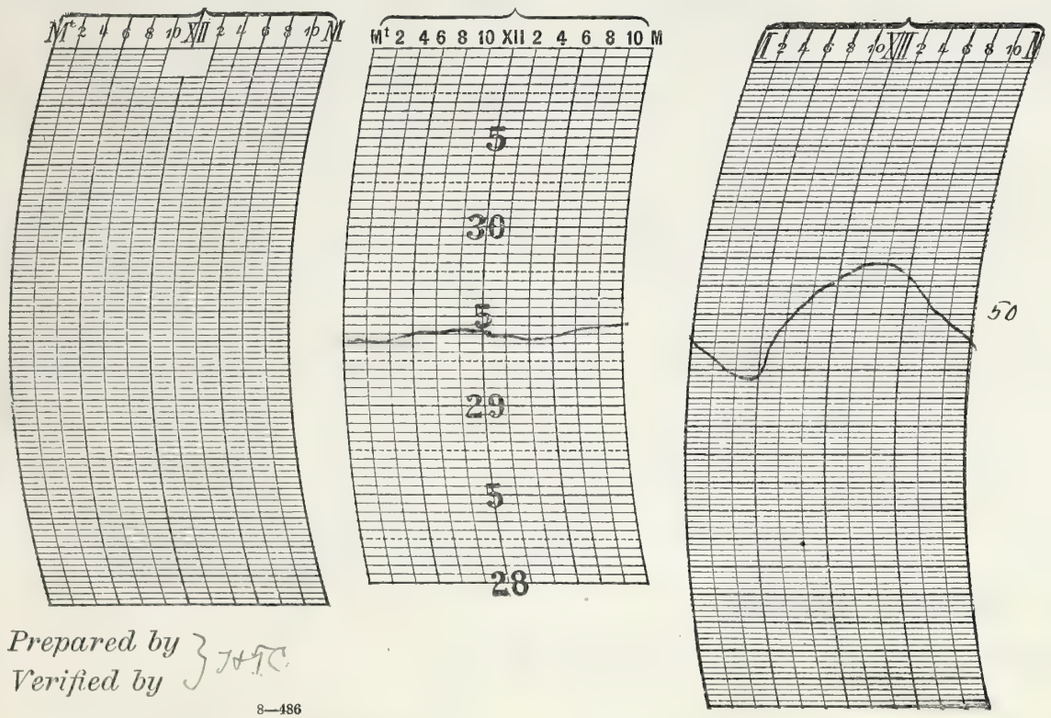
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	59	39	49	

Total depth of snow for 24 hours ending 7 p. m., 0 in.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 in
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10) 0 1
Actual sunshine, hours, ~~15.0~~ 13.6
Possible sunshine, hours, ~~15.0~~ 15.0
Percentage of possible sunshine, ~~100~~ 91
Prevailing direction NE
Total movement, 332
Average hourly velocity, 13.0

Maximum velocity,	Direction,	Time.
25	NE	10.45 a. m.

Extreme velocity, 26
Relative humidity, 59 a. m. 73 p. m.
Reduced barometer, 30.34 a. m. 30.35 p. m.
River gage, 2.9 ft.



NOTES.

Light frost occurred in the morning.

Prepared by
Verified by } J.A.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUN 9 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	43	42	41	41	40	44	48	50	53	55	57	59	60	60	61	62	62	60	58	55	53	51	49	47
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					—	—	—		Clear					—	—	Clear								
Sunrise: Time 4.08, Character Clear																					Sunset: Time 7.12, Character Clear			
Sunshine (in tenths of hours)					0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0	0				
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	10	9	10	11	12	13	14	18	21	21	18	17	18	18	17	17	16	14	10	7	6	6	6	6
Maximum velocities (exceeding 29 miles) direction and time																								

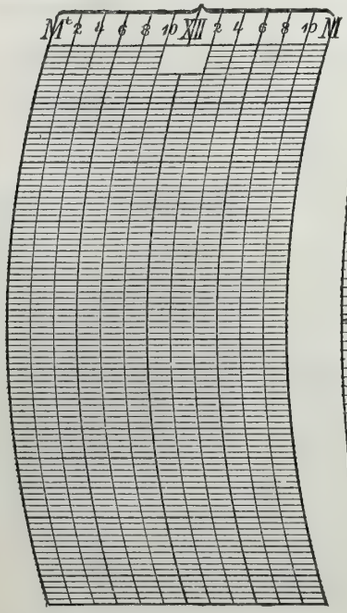
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

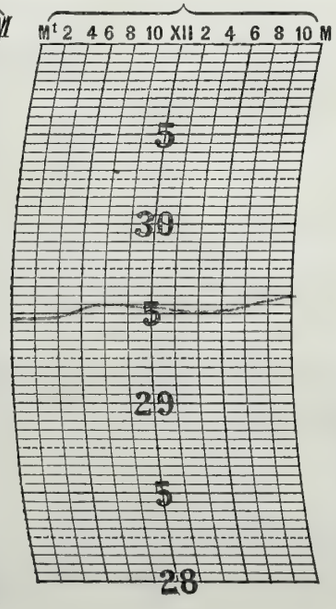
Maximum.	Minimum.	Mean.	Normal.
62	40	51	

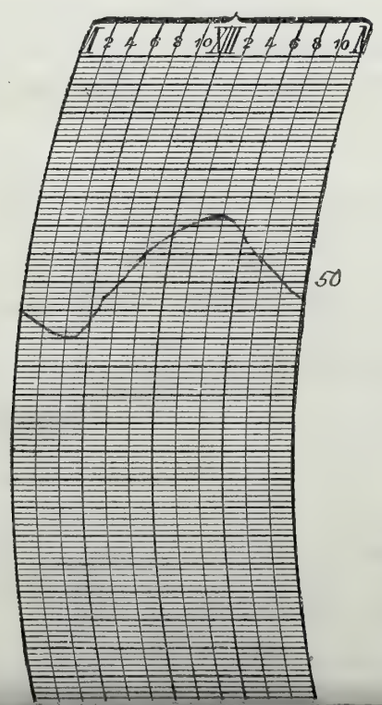
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10) 0
Actual sunshine, hours, 15.1
Possible sunshine, hours, 15.1
Percentage of possible sunshine, 100
Prevailing direction NE
Total movement, 315
Average hourly velocity, 13.1

Maximum velocity, 27 Direction, NE Time, 9.35 a.m.
Extreme velocity, 27

Relative humidity, 50 a. m. 47 p. m.
Reduced barometer, 30.51 a. m. 30.46 p. m.
River gage, 2.7 ft.







NOTES.

Light frost occurred in the morning

Prepared by
Verified by } N.T.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne Ind., (Day of week) Tuesday, (Date) JUN 1 1913, 191

Time (local standard) 90 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	45	44	43	42	44	51	54	58	60	62	64	64	66	66	67	67	66	65	62	60	58	54	54
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Clear							Clear									
Sunrise: Time, Character,	4.08 Clear																				Sunset: Time, Character,			7.12 Clear
Sunshine (in tenths of hours)					0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0	0				
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	4	5	5	6	6	6	7	9	10	10	10	9	9	8	9	9	9	5	3	4	5	4	4	3

Maximum 29 velocities (exceeding 25 miles) direction and time 7

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

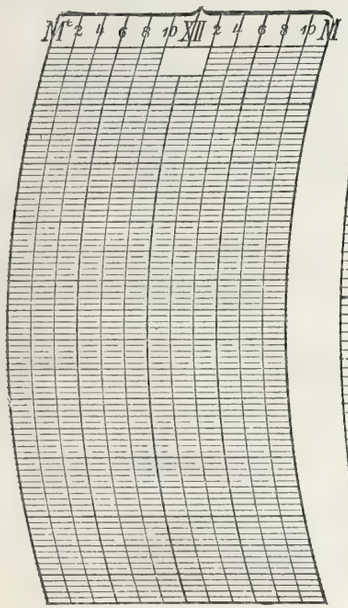
/ hours slower than 75th meridian time.

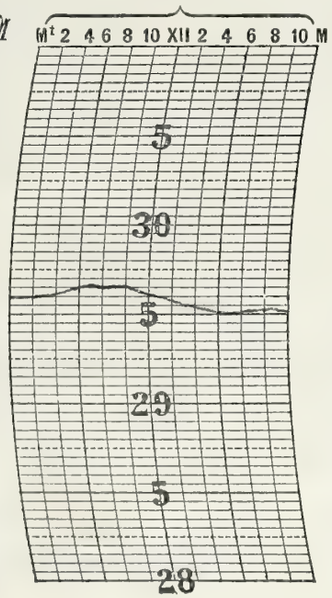
Maximum.	Minimum.	Mean.	Normal.
67	42	54	

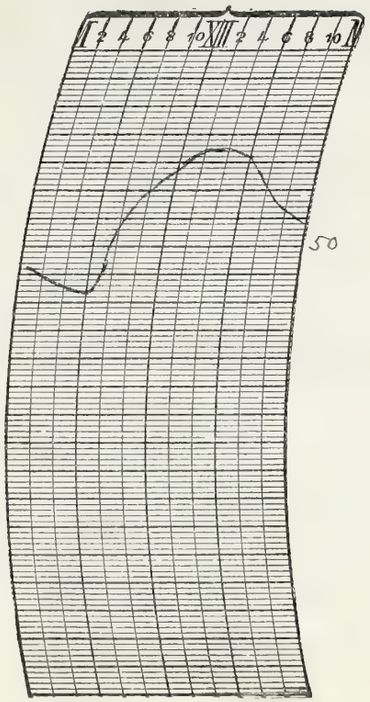
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 0
Actual sunshine, hours, 15.1
Possible sunshine, hours, 15.1
Percentage of possible sunshine, 100
Prevailing direction NE
Total movement, 159
Average hourly velocity, 6.6

Maximum velocity,	Direction,	Time.
14	NE	11.35 a.m.

Extreme velocity, 16
Relative humidity, 30 59 a. m. 36 p. m.
Reduced barometer, 30 66 a. m. 30 44 p. m.
River gage, 9.6 ft







NOTES.

Light frost occurred in the morning

Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUN 11 1913, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	48	47	46	45	48	54	60	65	67	69	71	73	75	76	76	76	75	72	70	67	64	61	60
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear								Clear									
Sunrise: Time, 4.08 Character, Clear					.87																Sunset: Time, 7.13 Character, Clear			
Sunshine (in tenths of hours)					0	0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0				
Wind direction	NE	0	NE	NE	0	NE	NE	NE	NE	NE	N	NW	N	NW	NW	NW	NW	NW	W	W	W	W	W	NW
Wind movement	1	0	2	1	0	2	3	1	4	3	5	5	7	5	6	6	6	4	4	4	3	3	5	6
Maximum velocities (exceeding 29 miles) direction and time 29																								

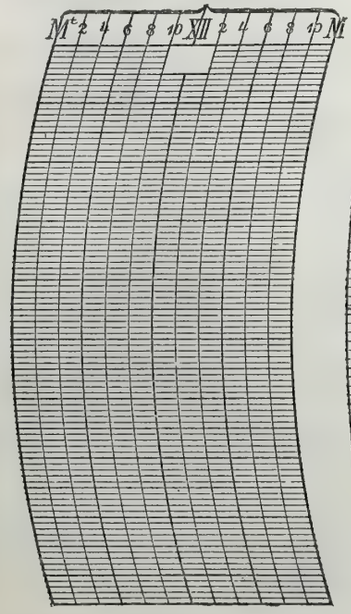
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

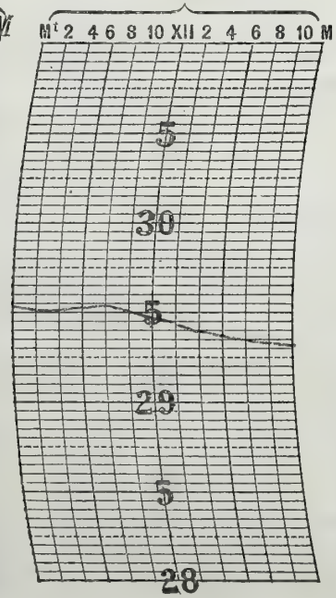
	Maximum.	Minimum.	Mean.	Normal.
	76	45	60	

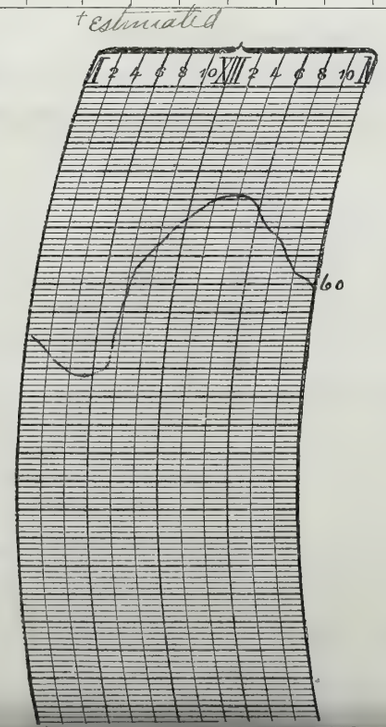
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, First Quarter
Average daily cloudiness (0-10) 0
Actual sunshine, hours, 15.1
Possible sunshine, hours, 15.1
Percentage of possible sunshine, 100
Prevailing direction NE
Total movement, 88
Average hourly velocity, 3.7

Maximum velocity,	Direction,	Time.
11	NW	4.10 p.m.

Extreme velocity, 11
Relative humidity, 67 a. m. 32 p. m.
Reduced barometer, 30.45 a. m. 30.26 p. m.
River gage, 2.6 ft







Prepared by J. H. Y. C.
Verified by

NOTES.

†estimated

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUN 12 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
	A. M.												P. M.											
Temperature at end of hour	58	54	52	51	51	54	61	65	69	71	73	75	76	78	79	80	78	75	73	71	69	65	62	59
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions									Clear					Clear					Cloudy					
Sunshine (in tenths of hours)					0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0	0	0				
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	W	NW	NW	NW	NW	W	W	W
Wind movement	5	3	5	4	3	3	2	4	8	9	11	10	10	10	10	11	11	6	5	5	1	3	5	7

Sunrise: Time 4.08, Character, Clear, 87 0.7

Sunset: Time 7.13, Character, Cloudy

Maximum velocities (exceeding 24 miles) direction and time —

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

+ Estimated.

Maximum 80 — Minimum 51 — Mean 65 — Normal

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear — Moon phase,

Average daily cloudiness (0-10) 1

Actual sunshine, hours, 12.9

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 85

Prevailing direction NW

Total movement, 151

Average hourly velocity, 6.3

Maximum velocity, 14 — Direction, NW — Time, 3.35 p.m.

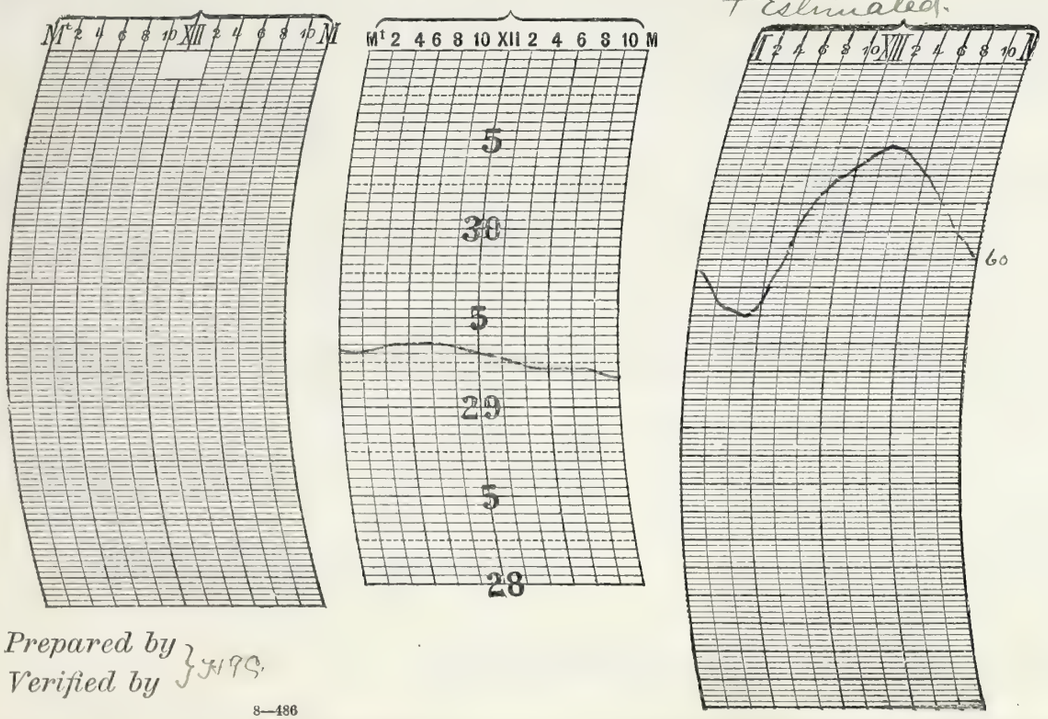
Extreme velocity, 14

Relative humidity, 38 a. m. 38 p. m.

Reduced barometer, 30.28 a. m. 30.[illegible] p. m.

River gage, 2.5 ft

NOTES.



Prepared by
Verified by } J.N.P.S.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUN 1 1913, 191

Time (local standard) 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	59	57	56	53	53	56	63	66	70	75	77	79	81	82	83	83	83	82	78	75	72	69	68	64
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions												Clear												
Sunrise: Time, Character,	4.08 Clear																				Sunset: Time, Character,			
Sunshine (in tenths of hours)					0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0	0	7.14 Clear			
Wind direction	SW	SW	SW	SW	SW	W	W	SW	SW	W	NW	NW	W	NW	W	NW	NW	NW	W	W	W	W	NW	NW
Wind movement	5	6	7	5	5	4	6	6	7	10	15	13	12	10	11	11	8	5	6	5	3	4	2	2
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
83	53	68	

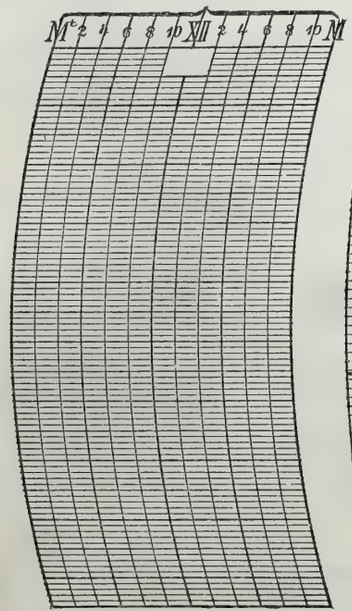
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10) 0
Actual sunshine, hours, 15.1
Possible sunshine, hours, 15.1
Percentage of possible sunshine, 100
Prevailing direction W
Total movement, 168
Average hourly velocity, 7.0

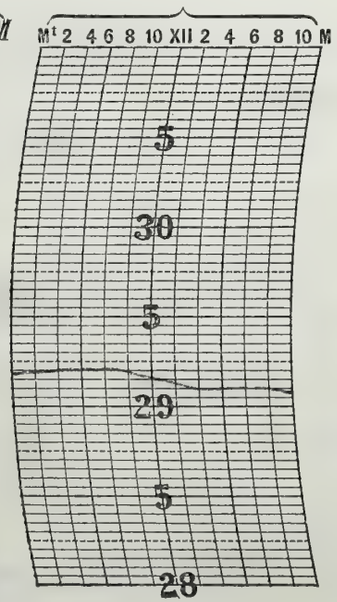
Maximum velocity,	Direction,	Time.
17	NW	11.45a.m.

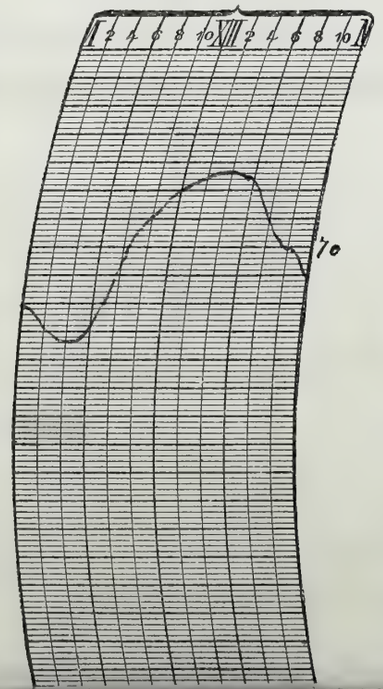
Extreme velocity, 17

Relative humidity, 65 a. m. 40 p. m.
Reduced barometer, 30.12 a. m. 30.00 p. m.
River gage, 2.5 ft

NOTES.







Prepared by
Verified by } J.H.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUN 14 1913, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	62	60	60	59	58	62	66	71	77	80	82	84	87	88	88	88	88	88	86	80	77	75	72	70
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions												Clear												
Sunrise: Time, Character,	4.08 Clear																				Sunset: Time, Character,			7.14 Clear
Sunshine (in tenths of hours)					8 7 0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9 .25 0.1	0				
Wind direction	W	W	W	W	W	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	SW	SW
Wind movement	5	6	6	5	4	2	3	4	3	6	10	12	16	14	14	13	11	9	6	8	8	10	10	10
Maximum velocities (exceeding 24 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

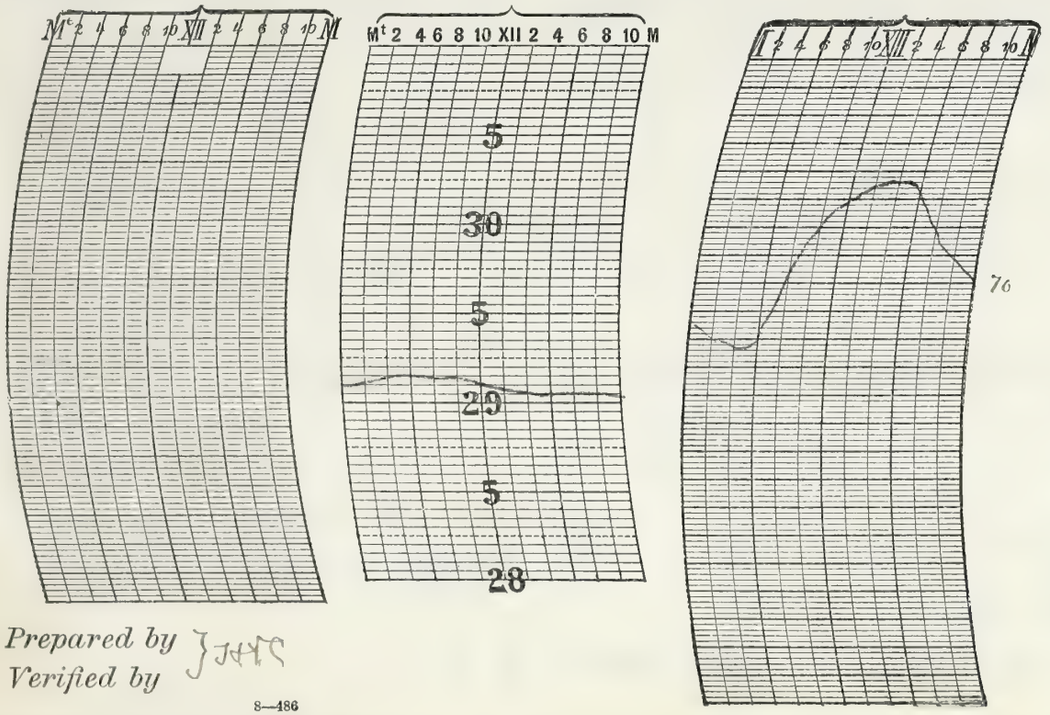
	Maximum.	Minimum.	Mean.	Normal.
	88	58	73	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10) 0
Actual sunshine, hours, 15.1
Possible sunshine, hours, 15.1
Percentage of possible sunshine, 100
Prevailing direction SW
Total movement, 195
Average hourly velocity, 8.1

Maximum velocity,	Direction,	Time.
18	SW	12.25 p.m.

Extreme velocity, 18
Relative humidity, 66 a. m. 66 p. m.
Reduced barometer, 30.03 a. m. 30.03 p. m.
River gage, 2.4 ft.

NOTES.



Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUN 15 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	69	68	66	67	67	68	71	72	75	82	84	86	87	88	89	90	91	90	86	82	76	74	73	73
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					—	Cloudy			*		Clear			Clear										
Sunrise: Time 4.08, Character Cloudy																					Sunset: Time 7.14, Character Clear			
Sunshine (in tenths of hours)					0	0	0.2	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	10	9	9	10	9	11	13	14	12	15	17	17	17	15	15	12	11	8	7	7	13	10	10	10

07.23

Maximum 24 velocities (exceeding ___ miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	91	66	78	

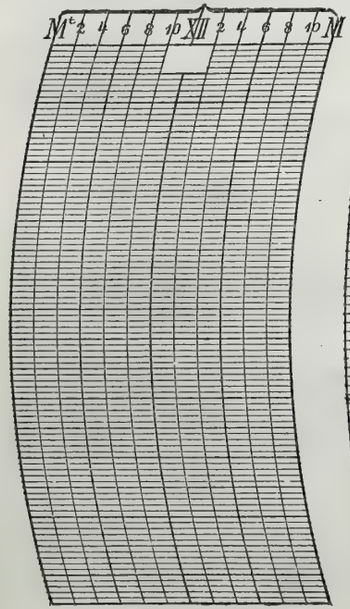
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 1
Actual sunshine, hours, 12.2
Possible sunshine, hours, 15.1
Percentage of possible sunshine, 81
Prevailing direction SW
Total movement, 281
Average hourly velocity, 11.7

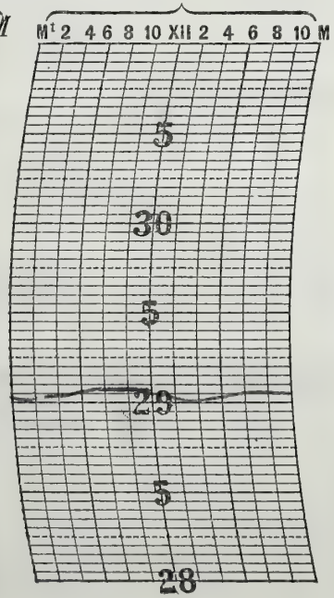
Maximum velocity,	Direction,	Time.
20	SW	10.50 a m

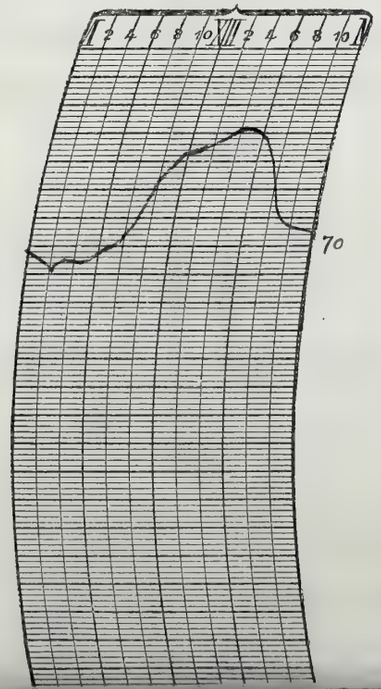
Extreme velocity, 20

Relative humidity, 56 a. m. 45 p. m.
Reduced barometer, 29.97 a. m. 29.92 p. m.
River gage, 2.4 ft.

NOTES.







Prepared by
Verified by } H.T.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUN 16 1913, 191

Time (local standard), 90 mer.

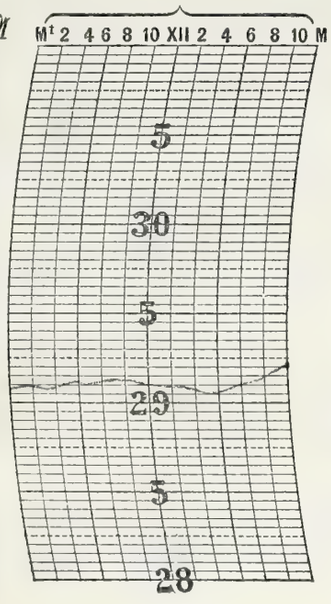
	A.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	73	74	73	71	70	72	76	80	84	85	89	91	93	95	95	95	94	92	89	86	82	82	79	74
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Pt Cldy	×		Clear						Clear									
Sunrise: Time, 4.08 Character, Cloudy																					Sunset: Time, 7.15 Character, Clear			
Sunshine (in tenths of hours)					0	0	4.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0	0				
Wind direction	SW	SW	SW	SW	SW	SW	W	W	SW	SW	SW	SW	W	W	W	W	W	W	W	W	W	W	NW	NE NW
Wind movement	9	12	11	11	14	12	10	6	14	12	13	12	15	16	17	16	14	9	7	6	8	10	16	15
Maximum velocities (exceeding 19 miles) direction and time	19																							

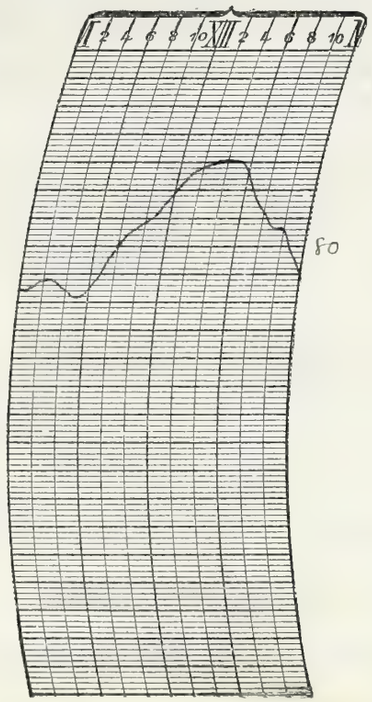
1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
95	70	82	

Total depth of snow for 24 hours ending 1 p. m., 0 inches.
Snow on ground 1 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 1
Actual sunshine, hours, 12.6
Possible sunshine, hours, 15.1
Percentage of possible sunshine, 83
Prevailing direction W
Total movement, 285
Average hourly velocity, 11.9
Maximum velocity, 26 Direction, NW Time, 10.35 p.m.
Extreme velocity, 26
Relative humidity, 61 a. m. 42 p. m.
Reduced barometer, 30.03 a. m. 29.97 p. m.
River gage, 2.3 ft.

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.





NOTES.

Prepared by
Verified by } H.T.S.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUN 1 1913, 191

Time (local standard) 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	71	70	70	70	68	72	75	78	82	84	86	87	89	90	91	90	88	85	82	79	75	73	72
State of weather. Nature of precipitation and time of beginning and ending					R13 4.40	R E 5.50																		
Amounts of precipitation					T .01																			
Cloudiness and other conditions						Pt Cloudy			Clear						Clear									
Sunrise: Time, Character,	4.08 Cloudy																				Sunset: Time, Character,			7.15 Clear
Sunshine (in tenths of hours)					0	0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.4	1.0	08.25 0.2	0				
Wind direction	18	11	8	9	5	8	13	12	11	10	11	11	9	8	7	6	6	7	7	5	5	8	10	9
Wind movement	NE	E	E	SE	S	SW	SW	SW	SW	SW	SW	W	NW	NW	N	N	NE	NE	NE	NE	E	NE	E	E

Maximum velocities (exceeding 29 miles) direction and time

	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

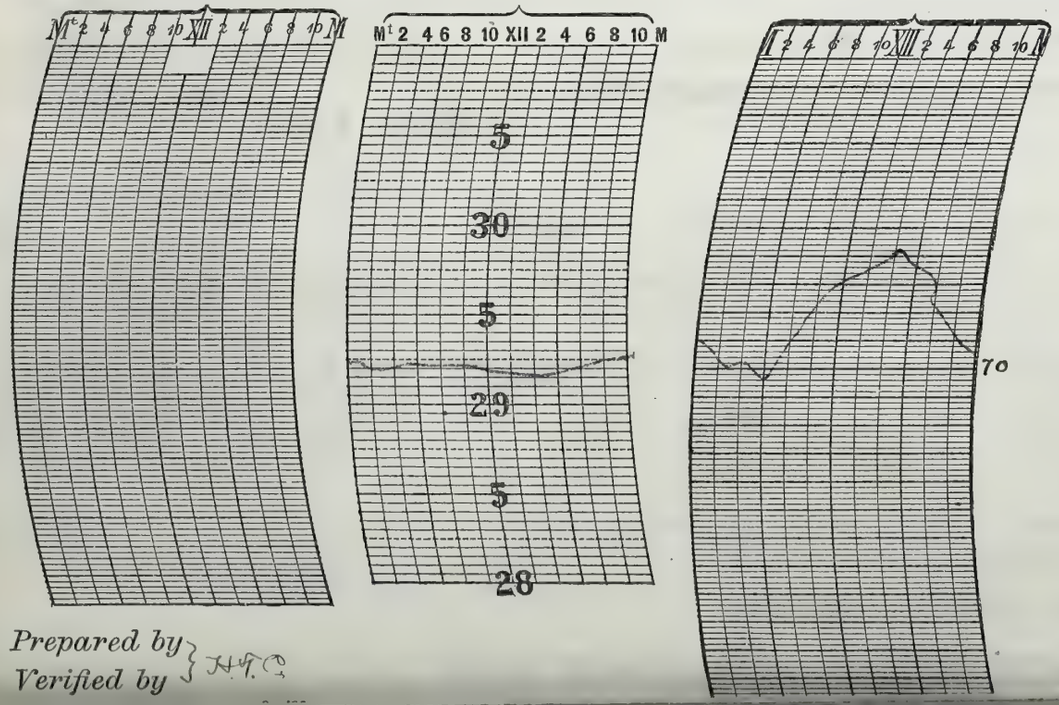
1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
91	68	80	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) Clear 1
Actual sunshine, hours, 12.2
Possible sunshine, hours, 15.1
Percentage of possible sunshine, 81
Prevailing direction NE, SW
Total movement, 214
Average hourly velocity, 8.9

Maximum velocity,	Direction,	Time.
23	NE	12.40 a.m.

Extreme velocity, 23
Relative humidity, 69 a. m. 50 p. m.
Reduced barometer, 30.12 a. m. 30.07 p. m.
River gage, 2.3 ft.



NOTES.

14.00 a.m.

Prepared by
Verified by } H.F.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUN 18 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	70	67	65	63	62	62	68	70	74	77	80	81	84	83	85	86	85	84	82	81	80	78	77	75
State of weather. Nature of precipitation and time of beginning and ending									RB 8.05 RE 8.15															
Amounts of precipitation									T															
Cloudiness and other conditions									R Cloudy				Clear											
Sunrise: Time, 4.08 Character, Cloudy																					Sunset: Time, 7.15 Character, Clear			
Sunshine (in tenths of hours)					0	0	0.5	0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0				
Wind direction	E	NE	NE	NE	NE	E	E	SE	S	W	NW	N	N	NE	NE	NE	N	NE	NE	NE	NE	SE	SE	S
Wind movement	9	8	6	9	7	7	4	4	2	8	13	11	13	11	7	7	6	5	4	4	3	5	5	3

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

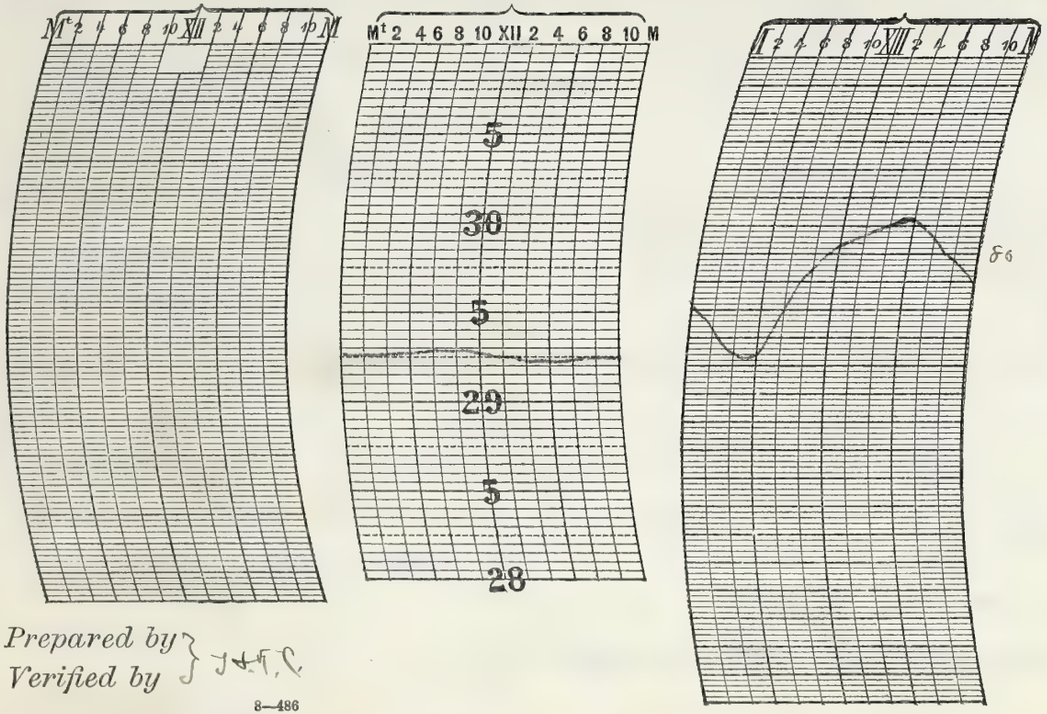
	Maximum.	Minimum.	Mean.	Normal.
	86	62	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .17 ins.
Total precipitation, midnight to midnight, .17 inches.
Character of day, Clear Moon phase, Full Moon
Average daily cloudiness (0–10) 3
Actual sunshine, hours, 11.2
Possible sunshine, hours, 15.1
Percentage of possible sunshine, 74
Prevailing direction NE
Total movement, 161
Average hourly velocity, 6.7

Maximum velocity,	Direction,	Time.
18	NW	10.30 a.m.

Extreme velocity, 18
Relative humidity, 76 a. m. 39 p. m.
Reduced barometer, 30.19 a. m. 30.13 p. m.
River gage, 2.3 ft

NOTES.



Prepared by
Verified by } J.H.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUN 19 1913, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	72	71	69	68	70	76	79	81	87	89	91	93	95	95	74	65 RB 4.10 RE 4.40	80	78	77	76 RB 8.10	74 RE 9.25	71	71
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																	.11				.02	T		
Cloudiness and other conditions									Clear						×		Cloudy							
Sunrise: Time 4.08 Character, Clear					.87	0.6																		
Sunshine (in tenths of hours)					0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0	0.6	0	0				
Sunset: Time 7.16 Character, Cloudy																								
Wind direction	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	E	SE	S	SW	SW	SW	SW	SW
Wind movement	1	3	3	6	5	7	9	10	13	11	12	10	11	11	13	10	11	4	5	9	11	9	9	9
Maximum velocities (exceeding 29 miles) direction and time																	36 W 4.10							

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	95
Minimum.	65
Mean.	80 ~~75~~
Normal.	

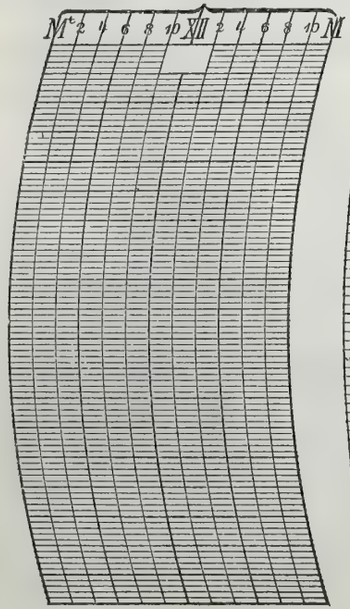
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .11 ins.
Total precipitation, midnight to midnight, .13 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10) 3
Actual sunshine, hours, 11.8
Possible sunshine, hours, 15.1
Percentage of possible sunshine, 78
Prevailing direction SW
Total movement, 202
Average hourly velocity, 8.4

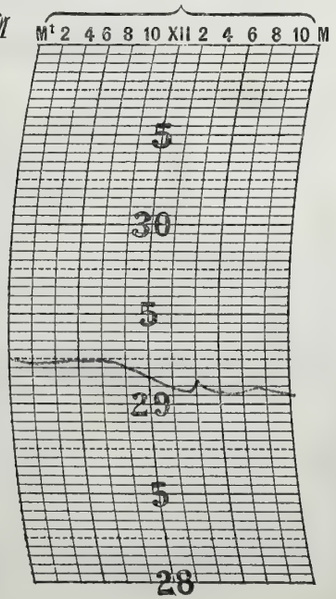
Maximum velocity,	Direction,	Time.
36	W	4.10 p.m.

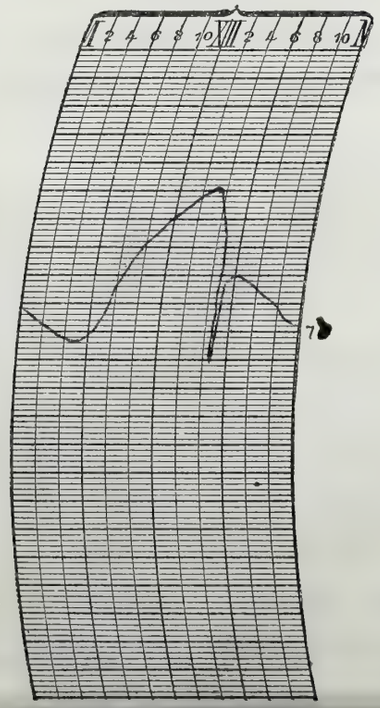
Extreme velocity, 39

Relative humidity,	55	a. m.	71 p. m.
Reduced barometer,	30.11	a. m.	29.97 p. m.

River gage, 2.2 ft.







NOTES.

Severe electric 4:00 p.m.
8:00 p.m.

Prepared by J. H. T.
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUN 20 1913, 191

Time (local standard), 90 mer.

	A.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	71	70	69	68	67	68	74	78	82	84	86	88	89	88	87	88	88	86	84	82	80	74	72	71
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					—	—	—	Clear								Clear								
Sunrise: Time, 4.09 Character, Clear																					Sunset: Time, 7.16 Character, Clear			
Sunshine (in tenths of hours)					.8	5	0.8	0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.4	0.8	0.2	0			
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	SW	SW	SW	SW	SW	SW	SW	W	W	N	NE	NE	NE
Wind movement	8	8	8	8	9	7	9	7	11	13	16	17	20	22	17	14	15	9	7	6	7	3	6	5

Maximum 29 velocities (exceeding ___ miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.
Temperature	89	67	78	

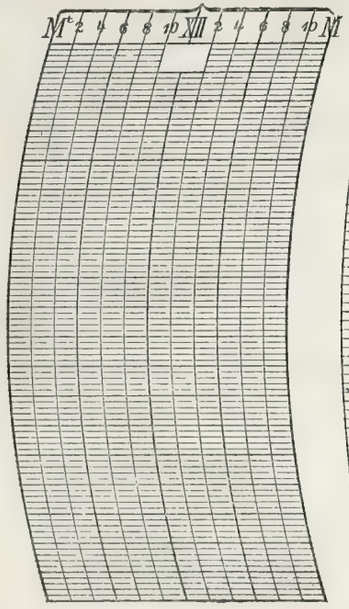
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 6 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, ___
Average daily cloudiness (0–10) 1
Actual sunshine, hours, 14.2
Possible sunshine, hours, 15.1
Percentage of possible sunshine, 94
Prevailing direction SW
Total movement, 252
Average hourly velocity, 10.5

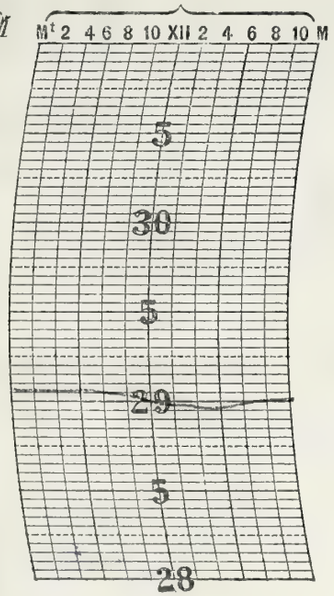
Maximum velocity,	Direction,	Time.
27	SW	12.30 p.m.

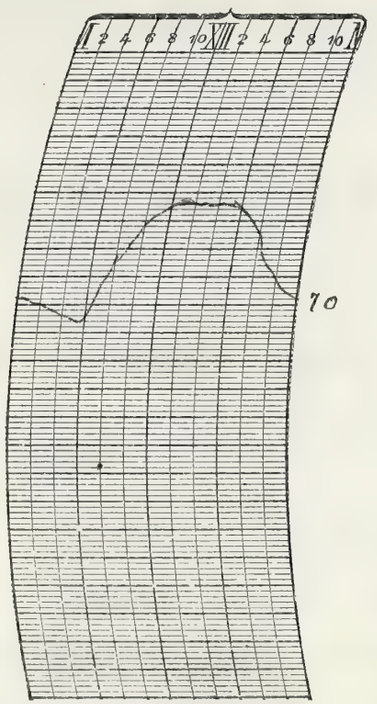
Extreme velocity, 27

Relative humidity, 76 a. m. 41 p. m.
Reduced barometer, 29.96 a. m. 29.85 p. m.
River gage, 2.2 ft

NOTES.







Prepared by
Verified by } J.H.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUN 21 1913, 191

Time (local standard) 90 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	69	68	67	66	68	70	70	70	71	71	69	65	65	64	67	67	66	66	65	64	63	61	59
State of weather: Nature of precipitation and time of beginning and ending									TRB 8.30				TRE 12.42			TRB 3.07 TRE 3.50								
State of weather: Amounts of precipitation									T	T	T	.11	.04			.01								
State of weather: Cloudiness and other conditions									Cloudy							Cloudy								
Sunrise: Time, Character	4.09 Cloudy																				Sunset: Time, Character			7.16 Cloudy
Sunshine (in tenths of hours)					0	0	0.2	0.2	0.1	0	0	0	0.3	0.2	0.1	0	0	0	0	0				
Wind direction	NE	N	N	N	N	N	NE	NE	NE	N	N	N	NE	NE	NE	NE	NE	NE	N	NE	NE	NE	E	E
Wind movement	4	3	4	4	5	4	5	7	6	4	6	5	12	10	9	7	7	5	2	5	11	9	6	3
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

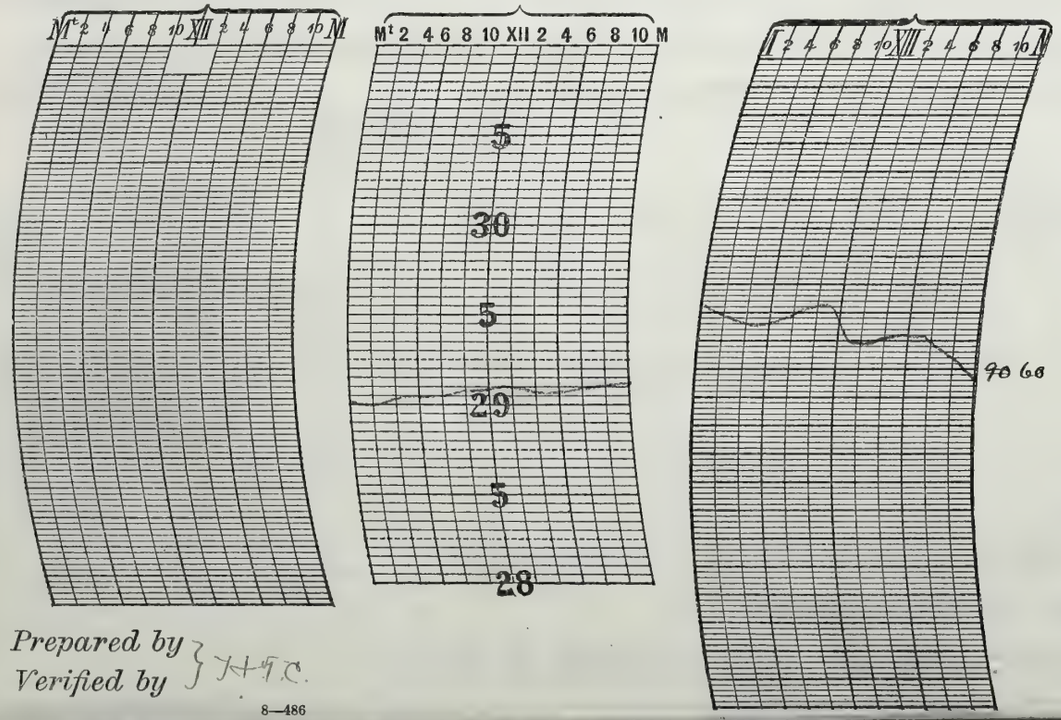
1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
71	59	65	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .16 ins.
Total precipitation, midnight to midnight, .16 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10) 10
Actual sunshine, hours, 1.1
Possible sunshine, hours, 15.1
Percentage of possible sunshine, 7
Prevailing direction NE
Total movement, 145
Average hourly velocity, 6.0

Maximum velocity,	Direction,	Time.
14	NE	12.25 p.m.

Extreme velocity, 15
Relative humidity, 83 a. m. 85 p. m.
Reduced barometer, 29.94 a. m. 29.99 p. m.
River gage, 2.2 ft.



NOTES.

Prepared by
Verified by } H.P.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUN 22 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	58	57	55	54	54	56	61	64	66	68	70	72	74	73	72	72	72	70	69	67	65	64	62	60
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Clear							Clear									
Sunshine (in tenths of hours)					0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0	0.7	0.3	0.3	0				
Wind direction	E	NE	NE	NE	NE	NE	E	E	E	E	E	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E
Wind movement	4	5	6	6	6	6	8	7	8	10	10	9	9	7	10	8	8	9	8	7	7	7	7	4

Sunrise: Time, 4.09 Character, Clear

Sunset: Time, 7.16 Character, Clear

Maximum velocities 29 (exceeding ___ miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
			.85 .02												.07 .27					

	Maximum.	Minimum.	Mean.	Normal.
	74	54	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10) 2.
Actual sunshine, hours, 13.0
Possible sunshine, hours, 15.1
Percentage of possible sunshine, 86
Prevailing direction NE
Total movement, 176
Average hourly velocity, 7.3

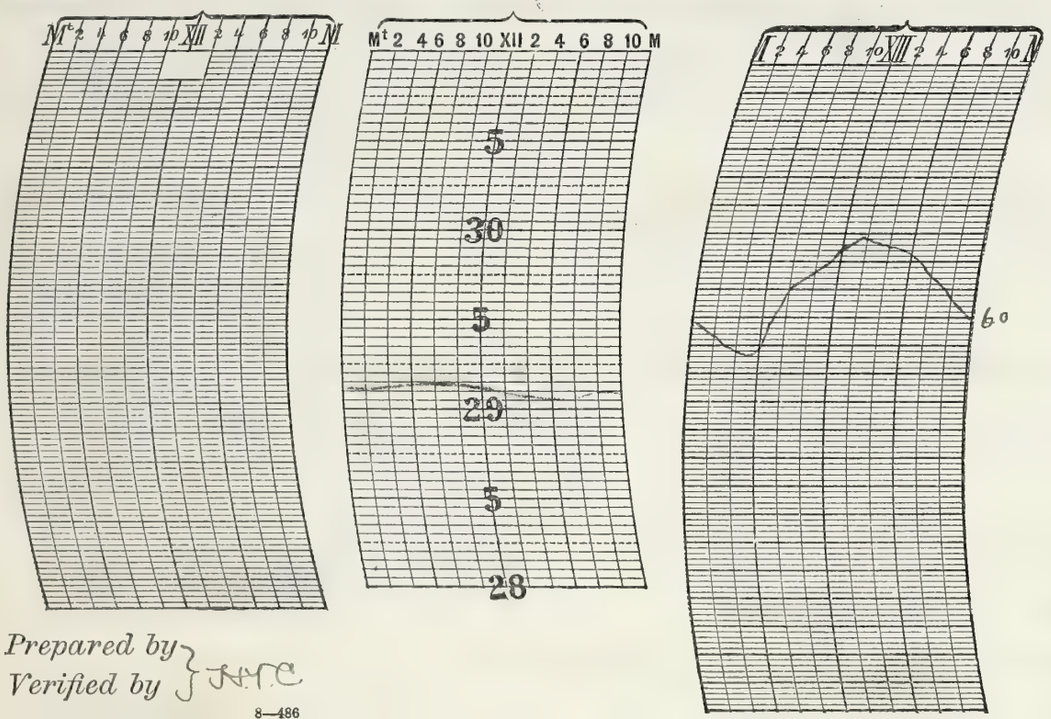
Maximum velocity,	Direction,	Time.
14	E	10–15 a.m.

Extreme velocity, 14

	a. m.	p. m.
Relative humidity,	74	64
Reduced barometer,	30.08	29.99

River gage, 2.2 ft.

NOTES.



Prepared by
Verified by } N.H.C

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUN 23 1913, 191

Time (local standard) 90 mer.

	A.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	58	57	55	54	53	53	60	63	67	72	75	78	76	76	77	78	78	77	76	75	74	74	73	71
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Clear								Clear								
Sunrise: Time 4.09, Character Clear																					Sunset: Time 7.17, Character Cloudy			
Sunshine (in tenths of hours)					0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.3	0	0				
Wind direction	E	E	E	E	NE	NE	NE	E	E	E	E	SE	SE	SE	SE	SE	S	S	S	SE	SE	S	S	S
Wind movement	4	5	5	7	6	7	6	5	6	6	8	8	12	9	6	6	6	5	5	5	6	7	6	6

Maximum velocities (exceeding 29 miles) direction and time 1

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

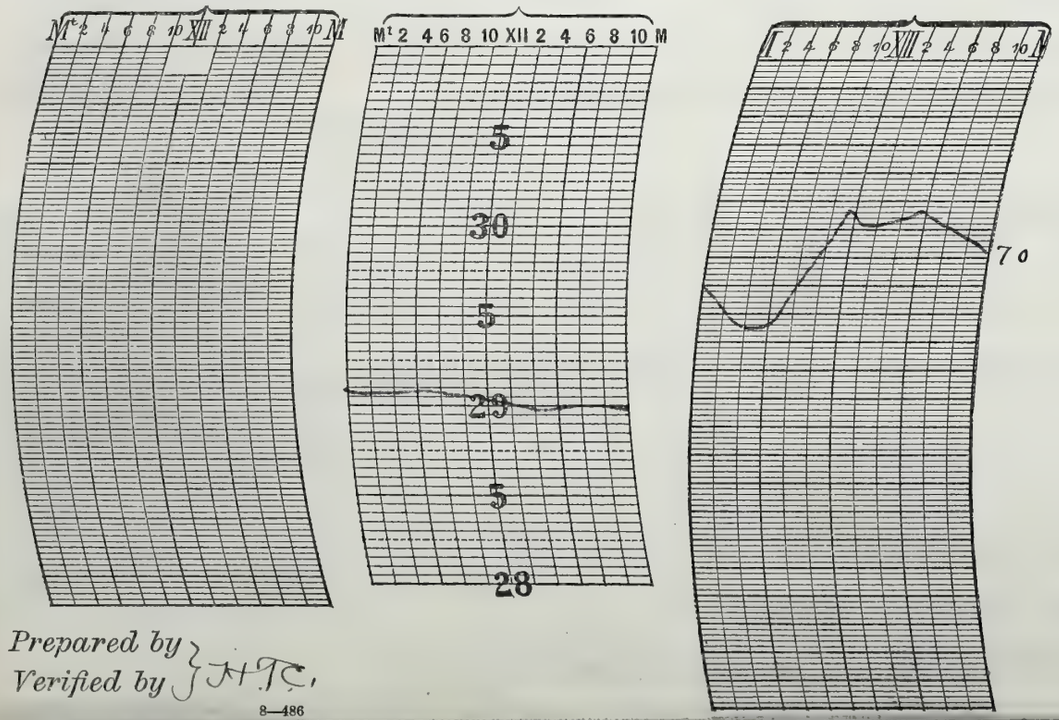
Maximum.	Minimum.	Mean.	Normal.
78	53	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10) 2
Actual sunshine, hours, 12.8
Possible sunshine, hours, 15.1
Percentage of possible sunshine, 85
Prevailing direction E
Total movement, 152
Average hourly velocity, 63

Maximum velocity.	Direction.	Time.
15	NSE	12.20 p m

Extreme velocity, 15
Relative humidity, 71 a. m., 67 p. m.
Reduced barometer, 29.99 a. m., 29.87 p. m.
River gage, 2.3 ft

NOTES.



Prepared by
Verified by H.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUN 24 1913, 191

Time (local standard) 90 mer.

1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	68	68	68	67	69	71	72	76	78	80	82	78	83	84	82	78	77	76	74	72	70	70	69
State of weather: Nature of precipitation and time of beginning and ending													TRB 12.10 RE 12.30											
Amounts of precipitation													.08											
Cloudiness and other conditions								Rt Cloudy							Rt Cloudy									
Sunshine (in tenths of hours)	Sunrise: Time 4.10 Character Cloudy				0	0	0	0	1.0	1.0	1.0	1.0	0.5	1.0	1.0	1.0	0.8	0	0	0	Sunset: Time 7.17 Character Cloudy			
Wind direction	S	S	S	S	S	S	S	S	SW	SW	SW	SW	W	SW	SW	S	S	SW	SW	S	S	S	S	S
Wind movement	5	5	6	4	3	5	6	7	8	11	11	12	9	11	14	12	13	11	9	9	8	10	6	7

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	84	67	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .08 ins.

Total precipitation, midnight to midnight, .08 inches.

Character of day, (Rt Cloudy) Moon phase,

Average daily cloudiness (0–10) 5.5

Actual sunshine, hours, 8.3

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 55

Prevailing direction S

Total movement, 202

Average hourly velocity, 8.4

Maximum velocity, 17 Direction, S Time: 2.55 p.m.

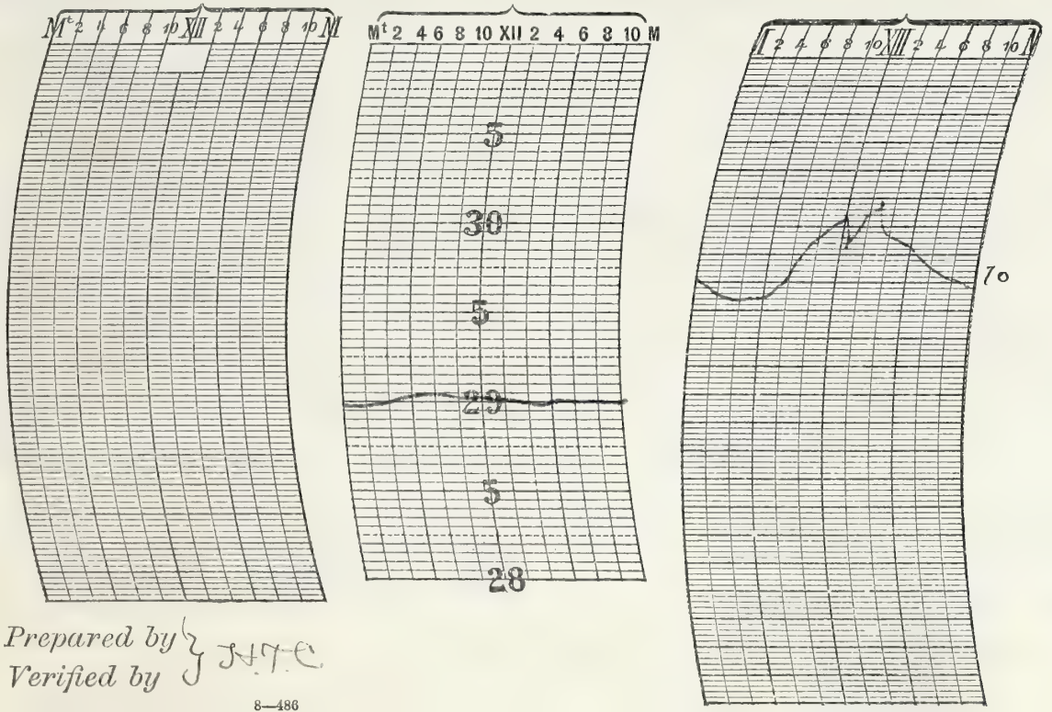
Extreme velocity, 19

Relative humidity, 90 a. m. 74 p. m.

Reduced barometer 29.92 a. m. 29.91 p. m.

River gage, 2.3 ft.

NOTES.



Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUN 25 1913, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	69	68	69	69	70	72	74	79	83	86	87	88	89	77	75	70	71	72	73	72	71	70	70	71
State of weather: Nature of precipitation and time of beginning and ending														RB		RE								
Amounts of precipitation														1.25		3.50								
														.05	.01	.02								
Cloudiness and other conditions								Pt Cloudy						Cloudy										
Sunrise: Time, Character	4.10 Cloudy																				Sunset: Time, Character			7.17 Cloudy
Sunshine (in tenths of hours)					0	0	0	0.4	1.0	1.0	1.0	1.0	1.0	0.3	0	0	0	0	0	0				
Wind direction	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	S	SW	SW	SW	SW	SW	SW	S	SW	SW
Wind movement	7	6	5	7	6	7	10	10	16	20	20	20	22	21	21	13	12	12	7	8	7	7	7	8
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

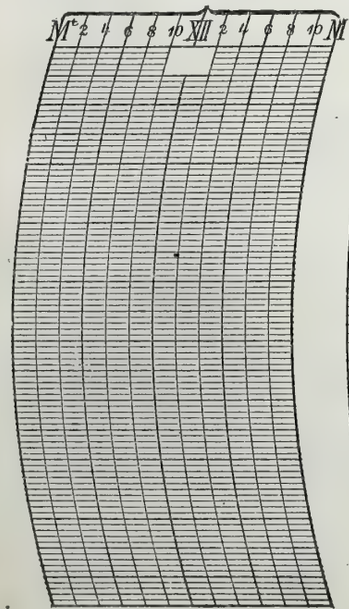
1 hours slower than 75th meridian time.

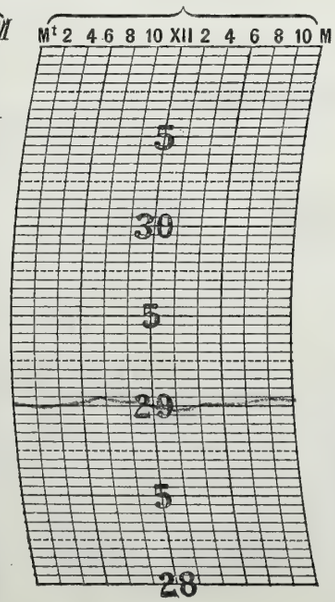
Maximum.	Minimum.	Mean.	Normal.
89	68	78	

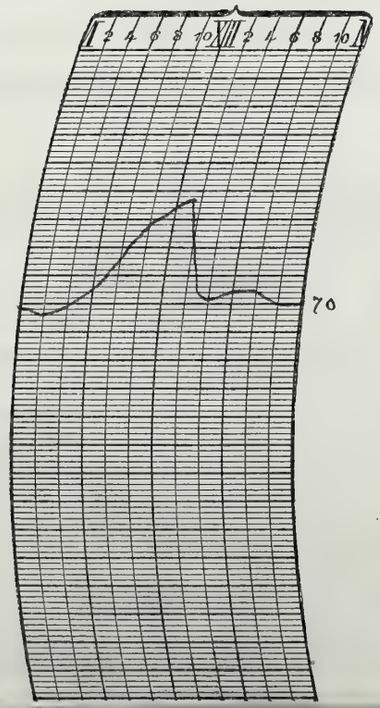
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .08 ins.
Total precipitation, midnight to midnight, .08 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0–10) 6
Actual sunshine, hours, 5.7
Possible sunshine, hours, 15.1
Percentage of possible sunshine, 38
Prevailing direction SW
Total movement, ~~289~~ 279
Average hourly velocity, ~~12.0~~ 11.6

Maximum velocity,	Direction,	Time.
28	SW	1.35 p.m

Extreme velocity, 33
Relative humidity, 80 a. m. 78 p. m.
Reduced barometer, 29.93 a. m. 2991 p. m.
River gage, 2.3 ft







NOTES.

1.00 p.m.

Prepared by
Verified by } J.H.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUN 26 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	73	73	72	72	71 81	73	76	80	82	85	87	89	90	90	91	92	91	89	86	84	82	80	78	76
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Clear						Clear										
Sunrise: Time, Character,	4.10 Clear				83	0.5															Sunset: Time, 7.17 Character, Cloudy			
Sunshine (in tenths of hours)					0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0	0				
Wind direction	S	S	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	11	10	8	9	11	11	12	15	14	15	15	17	18	18	17	16	15	12	5	5	5	6	5	5
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	92	71 70	81 82	

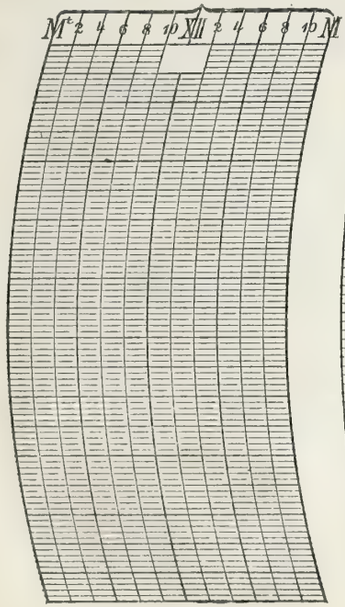
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, Last Quarter
Average daily cloudiness (0-10) 1
Actual sunshine, hours, 13.4
Possible sunshine, hours, 15.1
Percentage of possible sunshine, 89
Prevailing direction SW
Total movement, 275
Average hourly velocity, 11.5

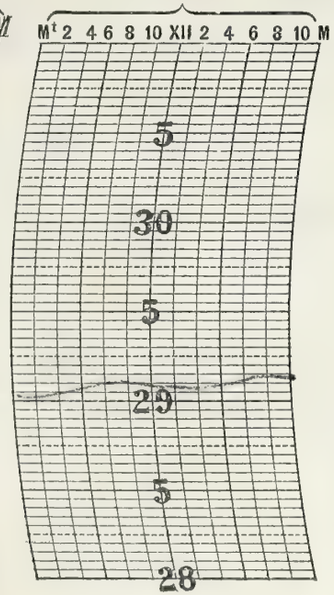
Maximum velocity,	Direction,	Time.
24	SW	12.30 p.m.

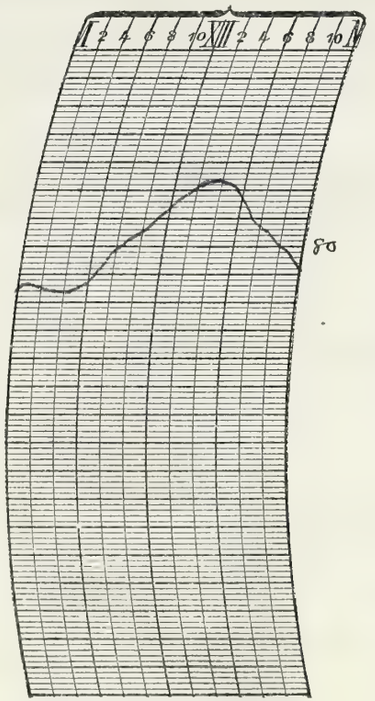
Extreme velocity, 25

Relative humidity, 74 a. m. 51 p. m.
Reduced barometer, 30.02 a. m. 29.99 p. m.
River gage, 2.3 ft

NOTES.







Prepared by J.N.T.C.
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUN 27 1913, 191

Time (local standard), 75 mer.

	A.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	74	73	71	~~72~~ 69	~~71~~ 70	~~73~~ 73	~~76~~ 78	~~80~~ 83	~~82~~ 86	~~85~~ 89	~~87~~ 90	~~89~~ 91	93	93	94	94	94	93	90	88	86	84	80	78
State of weather: Nature of precipitation and time of beginning and ending								Clear										Clear						
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunrise: Time, 4.11 Character, Clear																					Sunset: Time, 7.17 Character, Clear			
Sunshine (in tenths of hours)					0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	W	NW	NW	NW	W	W	W	W	NW	W
Wind movement	6	5	5	6	6	6	5	6	10	12	13	12	13	11	12	11	10	8	5	5	4	3	2	5
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

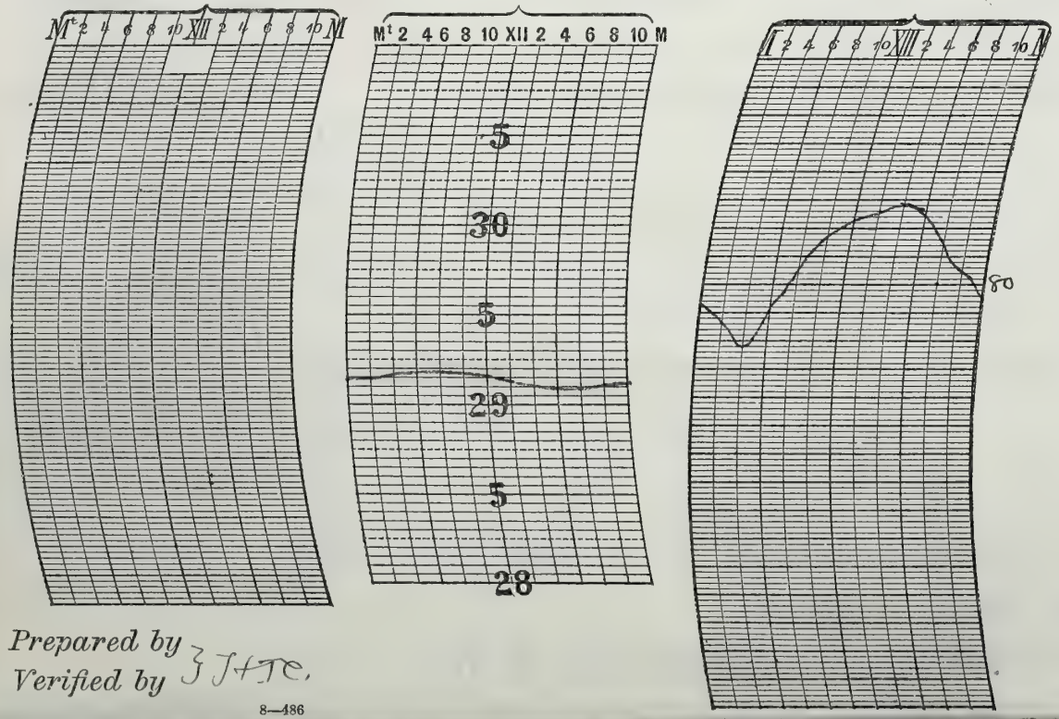
Maximum.	Minimum.	Mean.	Normal.
94	69	82	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10) 0
Actual sunshine, hours, 15.1
Possible sunshine, hours, 15.1
Percentage of possible sunshine, 100
Prevailing direction W
Total movement, 181
Average hourly velocity, 7.5

Maximum velocity,	Direction,	Time.
15	W	12.15 p.m.

Extreme velocity, 17
Relative humidity, 73 a. m. 47 p. m.
Reduced barometer, 30.08 a. m. 29.97 p. m.
River gage, 2.2 ft.

NOTES.



Prepared by
Verified by JJHe.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUN 28 1913, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	76	75	74	73	74	78	82	88	90	91	92	93	95	94	95	96	95	94	91	85	82	79	77	76
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Clear						Clear										
Sunrise: Time, Character,	4.11 Clear																				Sunset: Time, Character,			
Sunshine (in tenths of hours)					0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0	7.17 Clear			
Wind direction	W	W	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	NW	NW	NW	NW	NE	NE	NE	NE
Wind movement	5	5	5	4	3	4	6	7	9	10	13	10	10	11	11	7	9	7	6	5	8	8	8	7
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

	Maximum.	Minimum.	Mean.	Normal.
	96	73	84	

Total depth of snow for 24 hours ending 7 p. m., 7 inches.
Snow on ground 7 p. m., 7 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 0
Actual sunshine, hours, 15.1
Possible sunshine, hours, 15.1
Percentage of possible sunshine, 100
Prevailing direction NW
Total movement, 183
Average hourly velocity, 7.6

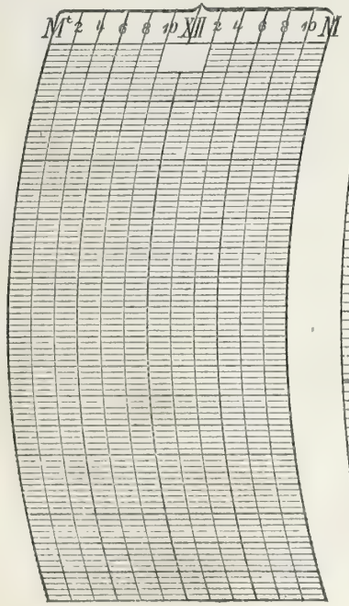
Maximum velocity,	Direction,	Time.
16	N	10.10 a.m.

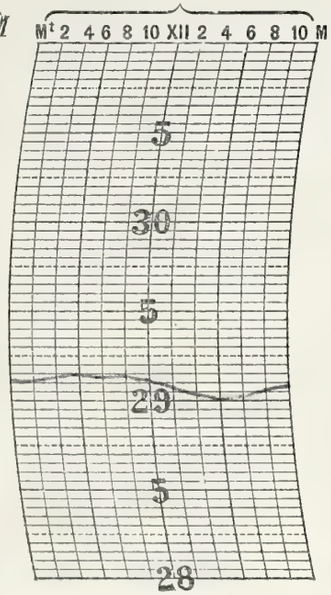
Extreme velocity, 17

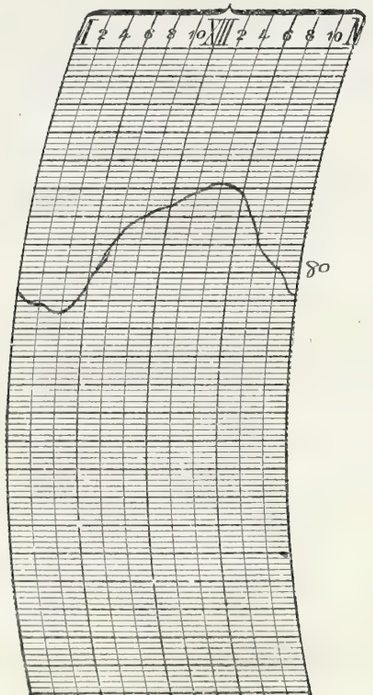
	a. m.	p. m.
Relative humidity,	65	44
Reduced barometer,	30.02	29.93

River gage, 2.2 ft

NOTES.







Prepared by
Verified by

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUN 29 1913, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	74	73	73	71	69	72	75	82	86	87	88	90	90	92	93	94	93	91	86	84	82	80	78	77
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					—	—	—	Clear								Clear								
Sunrise: Time, 4.11 Character, Clear																					Sunset: Time, 7.17 Character, Clear			
Sunshine (in tenths of hours)					.8 0	2 0.6	4 1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6 0.4	.2 8 0				
Wind direction	E	E	E	NE	NE	NE	E	E	SE	E	NE	NE	NE	NE	NE	E	E	E	E	E	E	E	E	SE
Wind movement	5	5	5	4	6	5	6	4	3	4	5	6	7	6	5	5	8	6	8	6	6	6	4	3

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

/ hours slower than 75th meridian time.

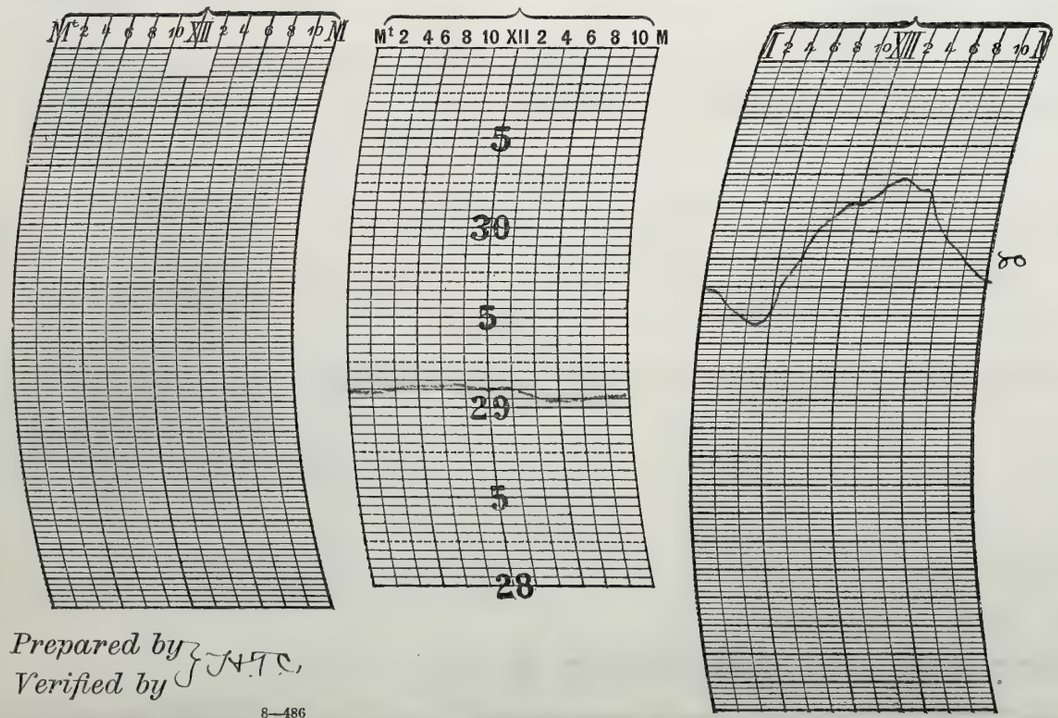
Maximum.	Minimum.	Mean.	Normal.
94	69	82	

Total depth of snow for 24 hours ending 7 p. m., — inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 3 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10) 0
Actual sunshine, hours, 15.1
Possible sunshine, hours, 15.1
Percentage of possible sunshine, 100
Prevailing direction E
Total movement, 128
Average hourly velocity, 5.3

Maximum velocity,	Direction,	Time.
11	E	4.30 p.m.

Extreme velocity, 11
Relative humidity, 70 a. m. ~~44~~ 55 p. m.
Reduced barometer, 30.01 a. m. 29.94 p. m.
River gage, 2.2 ft.

NOTES.



Prepared by J.N.T.
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUN 30 1913, 191

Time (local standard) 90 mer.

	A.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	76	74	73	72	74	75	80	83	86	90	93	95	98	98	98	95	97	95	89	87	86	85	82	81
State of weather. Nature of precipitation and time of beginning and ending																TRB 3.26 TR 3.30 T								
Amounts of precipitation																T								
Cloudiness and other conditions					—	—	—	Clear	—	—	—	—	—	Clear	—	—	—	×	Cldy					

Sunrise: Time, 4.12 Character, Clear

Sunset: Time, 7.17 Character, Cloudy

Sunshine (in tenths of hours)					0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	0	0	0				
Wind direction	SE	SE	SE	SE	SE	SE	S	S	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	SW	SW	SW	SW	SW	W
Wind movement	1	2	3	3	1	4	5	8	8	9	9	8	10	11	12	12	10	10	11	7	7	8	9	5

Maximum velocities (exceeding 21 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
98	72	85	

Total depth of snow for 24 hours ending 7 p. m., 0 inche

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 2.0

Actual sunshine, hours, 12.7

Possible sunshine, hours, 15.1

Percentage of possible sunshine, 84

Prevailing direction SW

Total movement, 173

Average hourly velocity, 7.2

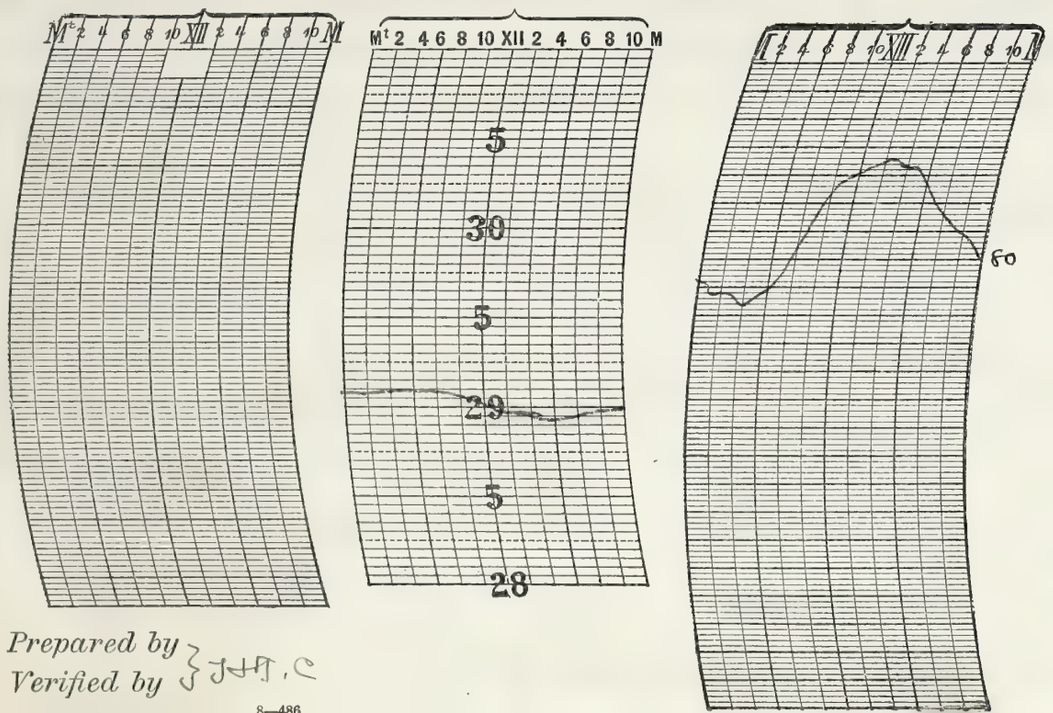
Maximum velocity,	Direction,	Time.
17	SW	3.10 p.m

Extreme velocity, 17

	a. m.	p. m.
Relative humidity,	62	58
Reduced barometer,	29.98	29.84

River gage, 2.2 ft

NOTES.



Prepared by

Verified by JHH. C

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUL 1 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	80	80	78	76	76	75	79	82	86	88	89	90	93	90	86	85	83	80	80	77	78	76	75	74
State of weather: Nature of precipitation and time of beginning and ending																		RB 5.10 RE 5.55					RB DN RE DN	
Amounts of precipitation																		T					T	
Cloudiness and other conditions								Clear							×	Cloudy								
Sunrise: Time, 4.12 Character, Clear					80	06															Sunset: Time, 7.17 Character, Cloudy			
Sunshine (in tenths of hours)					0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0	0	0	0				
Wind direction	W	W	W	W	SW	NW	NW	NW	NW	W	NW	W	NW	NW	NW	NW	NW	W	NW	NW	NW	NW	NW	NW
Wind movement	3	2	3	4	4	7	9	8	6	8	9	8	9	16	19	12	7	5	4	6	3	3	3	2
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	93	74	84	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10) 4
Actual sunshine, hours, 11.0
Possible sunshine, hours, 15.1
Percentage of possible sunshine, 73
Prevailing direction NW
Total movement, 160
Average hourly velocity, 6.7

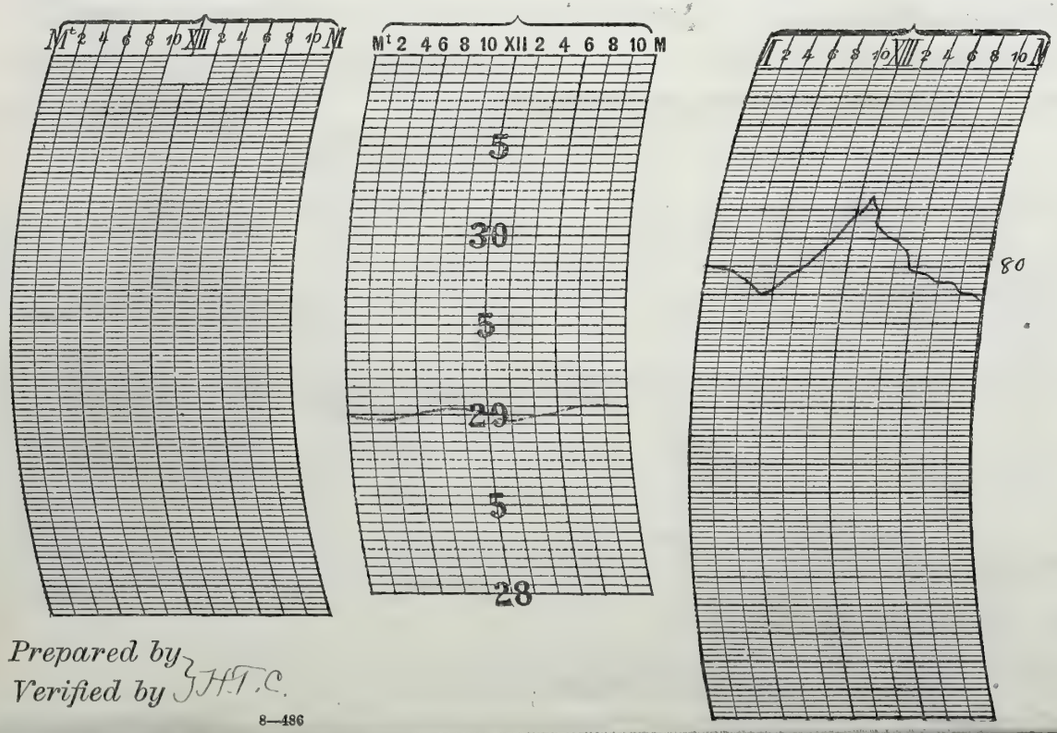
Maximum velocity,	Direction,	Time.
24	NW	1.54 p.m.

Extreme velocity, 24

Relative humidity, 71 a. m. 59 p. m.
Reduced barometer, 29.93 a. m. 29.93 p. m.
River gage, 2 ft.

NOTES.

T 5:00 p.m.



Prepared by
Verified by JHTC.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUL 2 1913, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	72	72	70	69	71	73	77	80	83	86	88	90	91	90	91	90	89	86	83	81	77	77	75
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear								Clear									
Sunrise: Time, 4.13 Character, Clear																					Sunset: Time, 7.17 Character, Clear			
Sunshine (in tenths of hours)					0	0.1	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8 0.2	28 0				
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	NW	NE	NE	NE	E	NE	NE	E	E	SE	SE	E	SE	SE
Wind movement	4	4	1	3	4	3	2	4	6	5	4	5	5	5	5	5	6	7	6	7	6	6	6	4

Maximum 29 velocities (exceeding ____ miles) direction and time 7

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

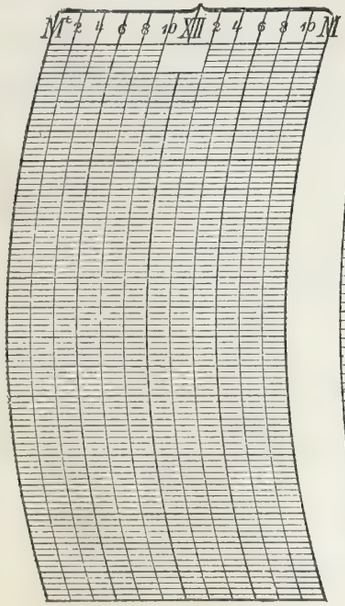
1 hours slower than 75th meridian time.

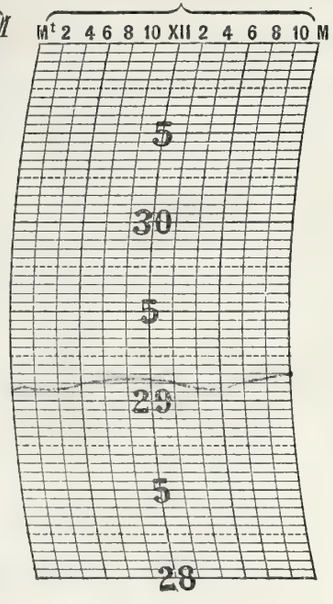
Maximum.	Minimum.	Mean.	Normal.
91	69	80	

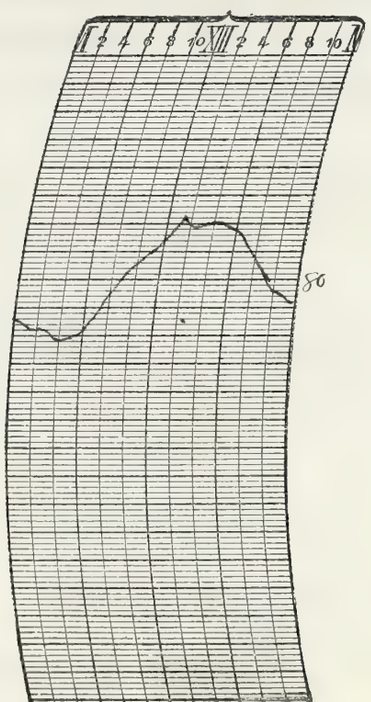
Total depth of snow for 24 hours ending 7 p. m., 0 i
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 in
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 0.1
Actual sunshine, hours, 13.1
Possible sunshine, hours, 15.1
Percentage of possible sunshine, 87
Prevailing direction NW
Total movement, 113
Average hourly velocity, 4.7

Maximum velocity,	Direction,	Time.
10	SE	7.20 p.m.

Extreme velocity, 10
Relative humidity, 69 a. m. 70 p. m.
Reduced barometer, 30.02 a. m. 29.99 p. m.
River gage, 2.1







NOTES.

Prepared by
Verified by

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUL 3 1913, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	73	73	73	70	73	76	84	86	88	90	90	92	93	94	94	93	90	87	86	84	83	81	80
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Cldy	×				Clear				Clear										
Sunrise: Time, Character	4.13 Cloudy																				Sunset: Time, Character			7.17 Cloudy
Sunshine (in tenths of hours)					0	0	0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0	0				
Wind direction	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	S	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	4	4	5	6	3	4	4	7	8	7	9	11	11	11	12	10	11	10	10	8	8	7	6	6

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

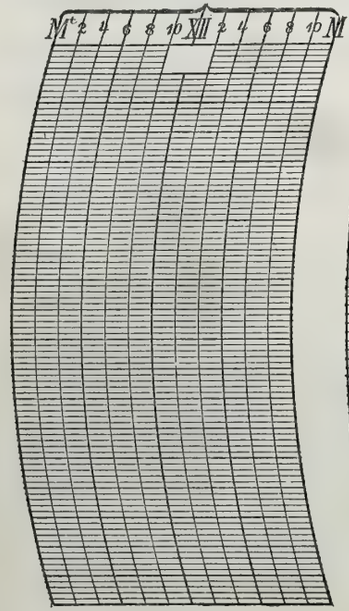
Excessive precipitation, accumulated amounts

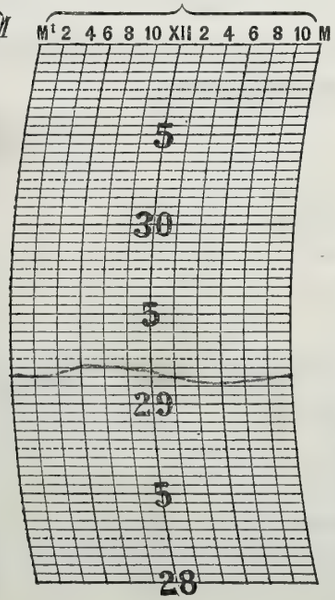
	Maximum.	Minimum.	Mean.	Normal.
	94	70	82	

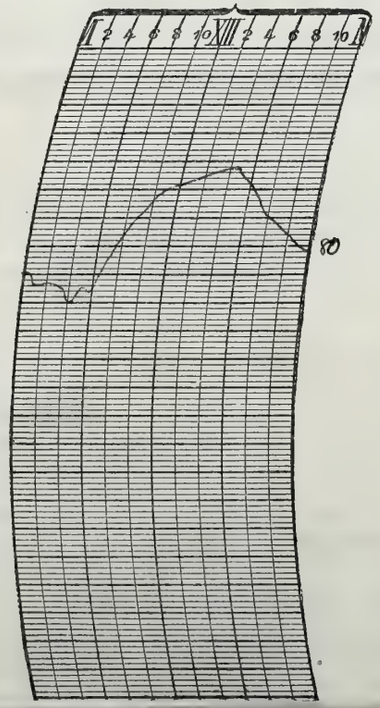
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, New Moon
Average daily cloudiness (0-10) 2.
Actual sunshine, hours, 10.8
Possible sunshine, hours, 15.1
Percentage of possible sunshine, 72
Prevailing direction S
Total movement, 182
Average hourly velocity, 7.6

Maximum velocity,	Direction,	Time.
15	S	1.15 p.m.

Extreme velocity, 15
Relative humidity, 74 a. m. 72 p. m.
Reduced barometer, 30.11 a. m. 30.00 p. m.
River gage, 2.1 ft.







NOTES.

Prepared by H.T.C.
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUL 4 1913, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

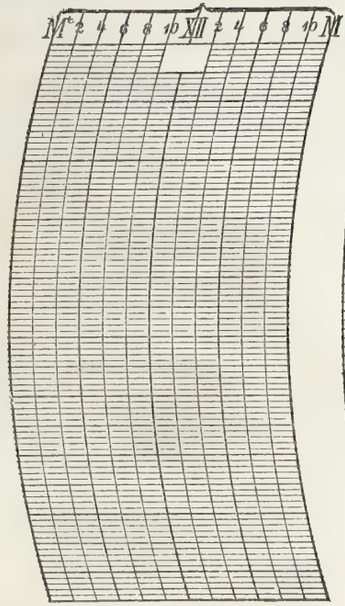
	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	79	78	76	75	75	75 79	79	81	84	87	88	90	91	91	93	92	92	90	87	85	84	79	72	76
State of weather: Nature of precipitation and time of beginning and ending			TB DN RE DN T																				TB 10,10 RE 6.45	
State of weather: Amounts of precipitation																							1.20	
State of weather: Cloudiness and other conditions								Clear							Clear									
Sunrise: Time 4.14, Character Clear																					Sunset: Time 7.16, Character Clear			
Sunshine (in tenths of hours)					.7 0	.7 0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	.9 0.1	.27 0				
Wind direction	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	SW	SW	SW	SW
Wind movement	5	8	8	4	6	7	10	11	12	14	15	16	19	19	17	18	15	11	8	5	5	17	15	5
Maximum velocities (exceeding 29 miles) direction and time																								

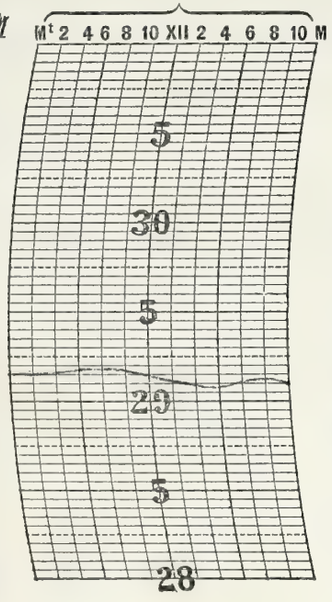
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

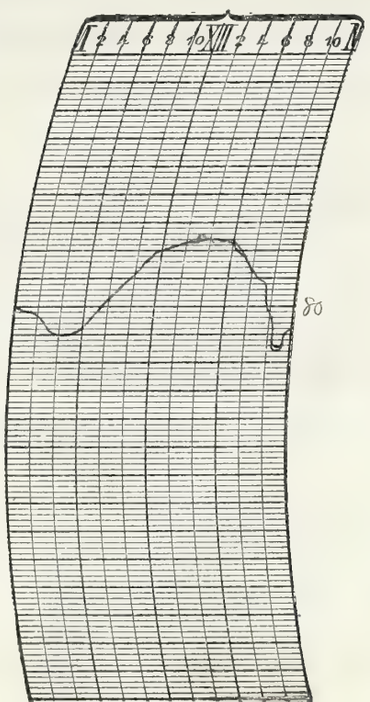
Maximum 93 — Minimum 72 — Mean 82 — Normal

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 7 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 1.20 inches.
Character of day, Clear — Moon phase,
Average daily cloudiness (0-10) 1
Actual sunshine, hours, 14.7
Possible sunshine, hours, 15.0
Percentage of possible sunshine, 98
Prevailing direction SW
Total movement, 270
Average hourly velocity, 11.2
Maximum velocity, 25 — Direction, SW — Time. 11.25 p.m.
Extreme velocity, 26
Relative humidity, 64 a. m. — 60 p. m.
Reduced barometer, 30.07 a. m. — 30.01 p. m.
River gage, 2.4 ft

NOTES.







10.00 p.m

Prepared by JHTT
Verified by

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUL 5 1913, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	76	74	74	75	74	76	73	75	72	72	77	84	88	91	91	78	81	88	83	80	77	75	73	71 72
State of weather: Nature of precipitation and time of beginning and ending						RB 5.25		RE 7.05 RB 7.31	RE 8.50							RB 3.02 RE 3.50								
Amounts of precipitation						.18	.19	.25	.15							.04								
Cloudiness and other conditions								Pt cloudy								Pt cloudy								
Sunrise: Time, Character	4.15 Clear																				Sunset: Time, Character			7.16 Clear
Sunshine (in tenths of hours)					7.6 0	0.1 0.2	0	0.4	0	0.6	1.0	1.0	1.0	1.0	1.0	0.2	0.3	1.0	0.7 0.3	.27 0				
Wind direction	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	NW	NW	NW	NW	W
Wind movement	5	6	5	6	8	10	10	15	9	11	13	16	16	23	26	16	11	16	13	9	8	9	8	7
Maximum velocities (exceeding 29 miles) direction and time															30 SW 2.05									

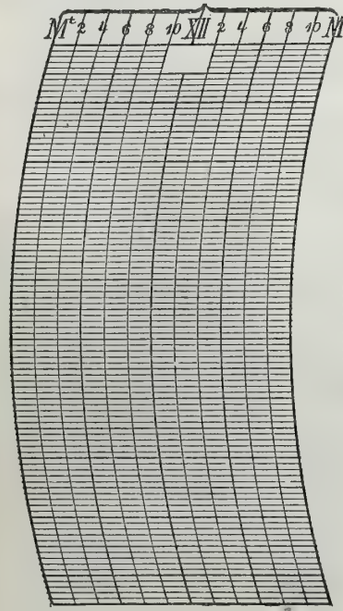
	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

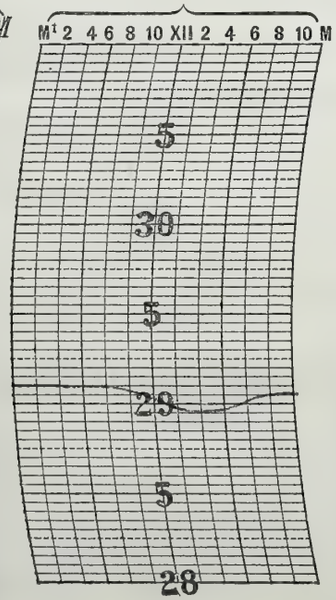
	Maximum.	Minimum.	Mean.	Normal.
	91	71	81	

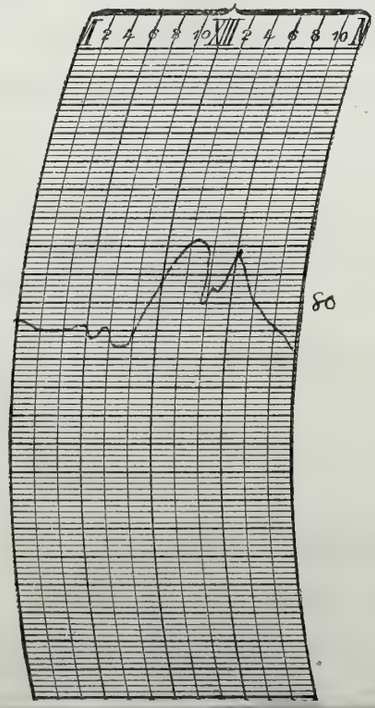
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .57 ins.; to 7 p. m., .44 ins.
Total precipitation, midnight to midnight, 1.81 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0–10) 6
Actual sunshine, hours, 9.8
Possible sunshine, hours, 7.16 15.0
Percentage of possible sunshine, 65
Prevailing direction SW
Total movement, 276
Average hourly velocity, 11.5

Maximum velocity,	Direction,	Time.
30	SW	2.05 p.m.

Extreme velocity, 34
Relative humidity, 100 a. m. 44 p. m.
Reduced barometer, 29.97 a. m. 29.87 p. m.
River gage, 2.4 ft. 2.9 ft.







NOTES.

5 a.m.
3.00 p.m.

Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUL 6 1913, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	68	67	66	65	67	70	71	72	73	74	75	76	76	75	74	74	72	70	67	64	63	62	60
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					—	—	—	Clear	—	—	—	—	—	—	Clear	—	—	—	—	—	—	—	—	—
Sunrise: Time, 4 15 Character, Clear																					Sunset: Time, 7.16 Character, Clear			
Sunshine (in tenths of hours)					.75 0	.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.06 .24 0.4	0				
Wind direction	W	W	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	N
Wind movement	6	8	8	8	8	9	12	14	15	19	21	21	23	23	26	24	23	20	15	10	8	5	4	3
Maximum velocities (exceeding 24 miles) direction and time															32 NW 2.05	30 NW 3.20								

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.
	76	60	~~68~~	

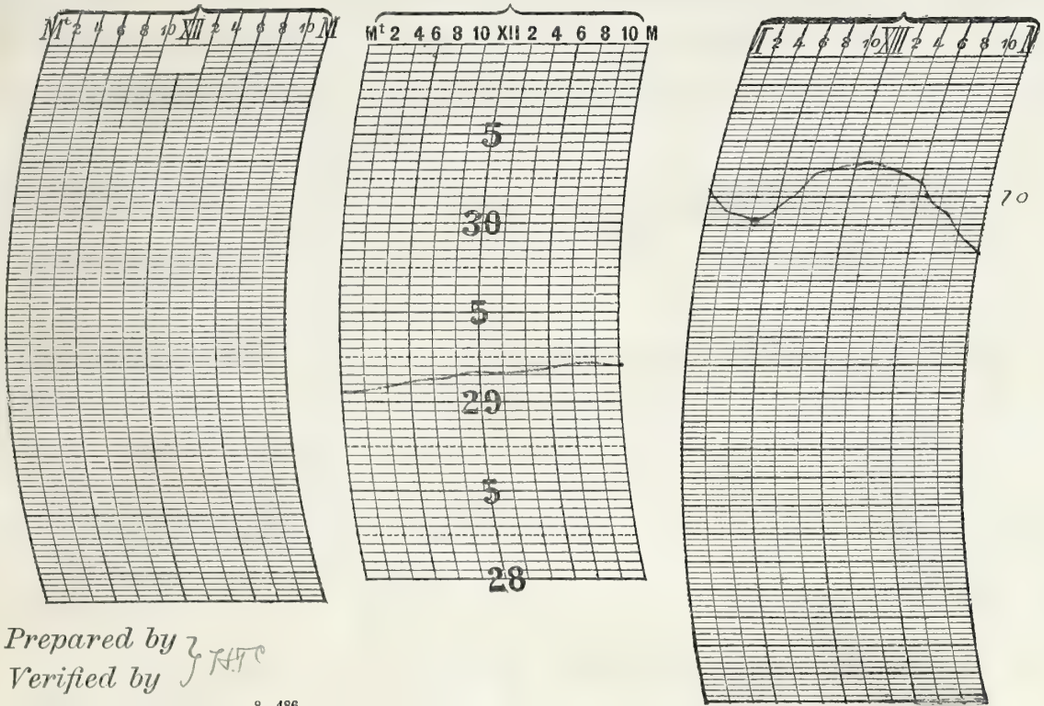
Total depth of snow for 24 hours ending 7 p. m., 7 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 0
Actual sunshine, hours, 15.0
Possible sunshine, hours, 15.0
Percentage of possible sunshine, 100
Prevailing direction NW
Total movement, 333
Average hourly velocity, 13.9

Maximum velocity,	Direction,	Time.
32	NW	2.05 p.m.

Extreme velocity, 33

Relative humidity, 79 a. m. 44 p. m.
Reduced barometer, 30.02 a. m. 30.08 p. m.
River gage, ~~2.9 ft~~ 2.6 ft

NOTES.



Prepared by
Verified by

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) _____, (Day of week) Monday, (Date) JUL 7 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	57	55	55	55	54	53	59	63	67	70	71	73	75	77	78	78	78	77	76	73	70	69	67	65
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					—	—	Clear	—	—	—	—	—	—	Clear	—	—	—	—	—	—	—	—	—	—
Sunrise: Time, Character, / Sunset: Time, Character,	Sunrise: 4.16 Clear																			Sunset: 7.16 Clear				
Sunshine (in tenths of hours)					.73 0	0.6 0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0 0.8	0.8 0.7	0.9 1.0	0.8 0.2	27 0				
Wind direction	N	N	N	O	N	N	NW	SW	SW	SW	NW	N	NW	W	W	W	W	W	W	NW	NW	NW	W	W
Wind movement	5	4	2	0	1	2	5	6	6	5	6	5	6	7	4	9	6	6	4	5	7	4	3	4
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

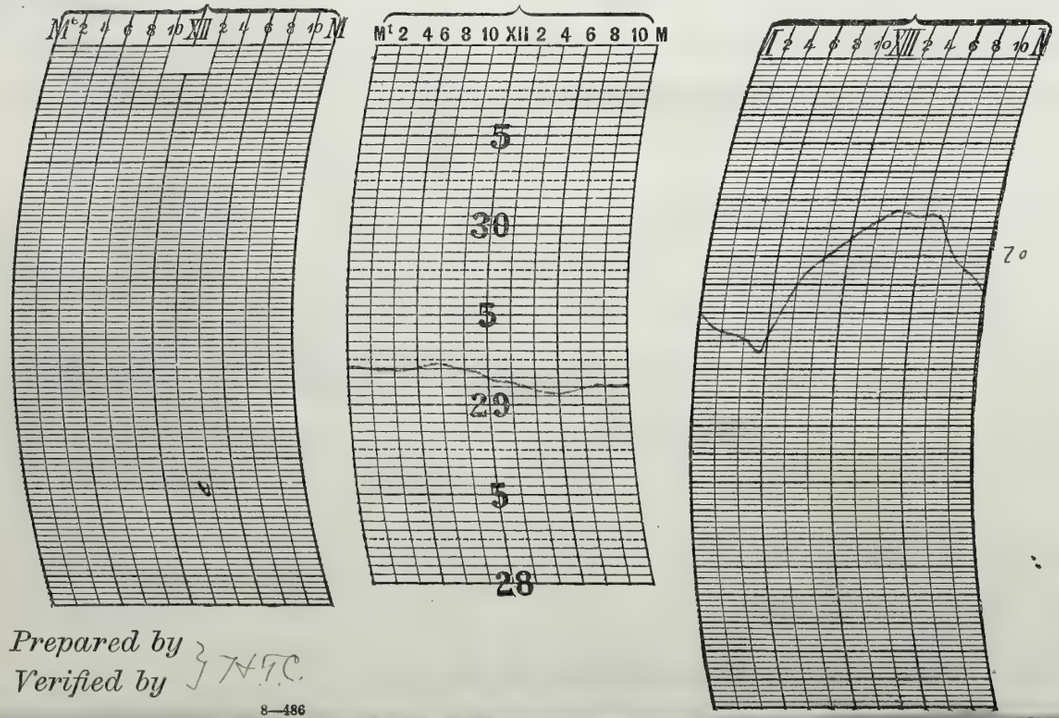
	Maximum.	Minimum.	Mean.	Normal.
	78	53	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, _____
Average daily cloudiness (0-10) 1
Actual sunshine, hours, 14.7
Possible sunshine, hours, 15.0
Percentage of possible sunshine, 98
Prevailing direction W
Total movement, 112
Average hourly velocity, 4.7

Maximum velocity,	Direction,	Time.
12	W	12.50pm

Extreme velocity, 12
Relative humidity, 73 a. m. 48 p. m.
Reduced barometer, 30.12 a. m. 29.98 p. m.
River gage, 2.6ft 2.4ft

NOTES.



Prepared by
Verified by } N.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUL 8 1913, 191

Time (local standard), 90 mer. — / hours slower than 75th meridian time.

	A.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	64	62	62	60	60	61	66	71	76	80	82	85	87	86	88	87	85	83	78 RB 6.35	67	67	66	65 RL DN	67
State of weather. Nature of precipitation and time of beginning and ending																			T	.05	.14	.05	.06	
Amounts of precipitation								Clear							×	Cloudy								
Cloudiness and other conditions																								
Sunshine (in tenths of hours)					0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.1	0	0	0				
Wind direction	W	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	SW	NW	N	SW	SW	SW	S	S
Wind movement	3	2	1	1	1	5	5	7	8	7	9	8	9	7	4	4	3	6	12	17	16	16	23	26
Maximum velocities (exceeding 29 miles) direction and time																							37 S 10.45	32 S 11.10

Sunrise: Time, 4.16 Character, Clear

Sunset: Time, 7.15 Character, Cloudy

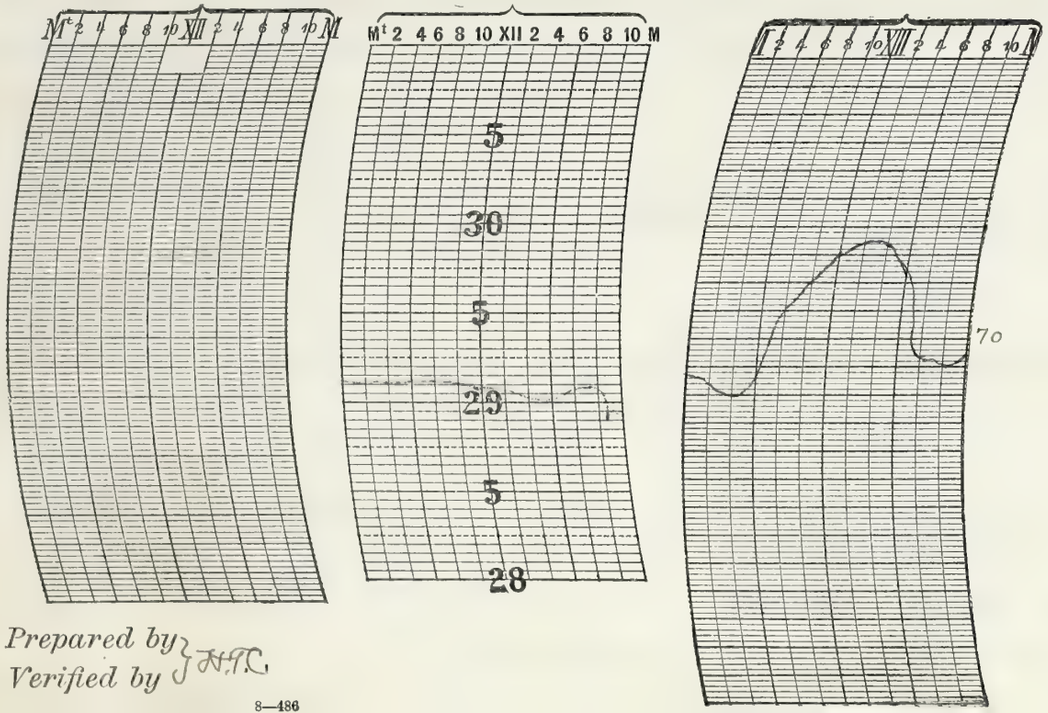
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
			.73 0.3																	

	Maximum.	Minimum.	Mean.	Normal.
	88	60	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .30 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 4
Actual sunshine, hours, 11.4
Possible sunshine, hours, 15.0
Percentage of possible sunshine, 76
Prevailing direction SW
Total movement, 200
Average hourly velocity, 8.3
Maximum velocity, 37 Direction, S Time. 10.45 p m.
Extreme velocity, 37
Relative humidity, 64 a. m. 71 p. m.
Reduced barometer, 30.01 a. m. 29.92 p. m.
River gage, ~~2.4~~ 2.3 ft

NOTES.

6.37 p m



Prepared by
Verified by H.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUL 9 1913, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	66	67	66	65	64	65	68	72	75	78	80	81	83	86	85	83	81	77	74	71	69	67	65	63
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					—	—	—	Pt Cloudy	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sunrise: Time, 4.17 Character, Clear																					Sunset: Time, 7.15 Character, Clear			
Sunshine (in tenths of hours)					.7	1.0													0.7	.25				
					0	0	0.4	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.8	1.0	0.3	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	W	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	11	10	7	6	6	8	10	9	11	14	15	15	16	16	16	18	19	20	16	8	7	8	8	5
Maximum velocities (exceeding 29 miles) direction and time																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

/ hours slower than 75th meridian time.

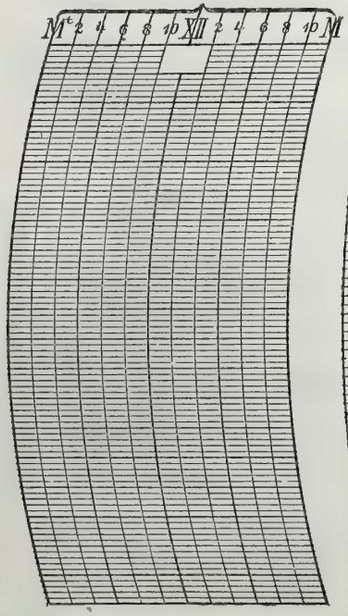
Maximum.	Minimum.	Mean.	Normal.
86	63	74	

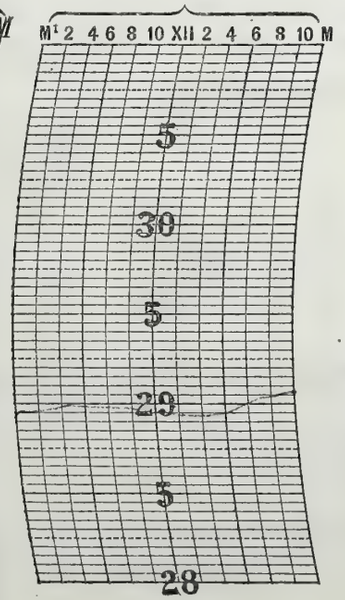
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10) 2
Actual sunshine, hours, 13.5
Possible sunshine, hours, 15.0
Percentage of possible sunshine, 90
Prevailing direction NW, SW
Total movement, 279
Average hourly velocity, 11.6

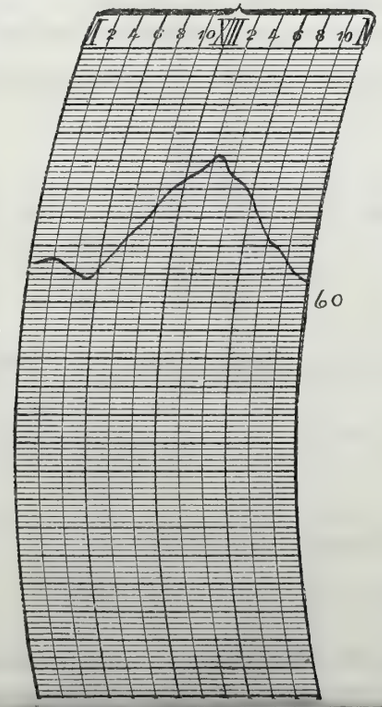
Maximum velocity,	Direction,	Time.
24	NW	5.25 p.m.

Extreme velocity, 25
Relative humidity, 83 a. m. 48 p. m.
Reduced barometer, 29.86 a. m. 29.88 p. m.
River gage, 2.3 ft.

NOTES.







Prepared by
Verified by } WTC

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUL 10 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	61	61	59	57	56	51	59	60	62	65	68	71	75	77	78	79	80	77	74	72	70	67	64	62
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Clear							Clear									
Sunrise: Time, Character,	4.18 Clear																				Sunset: Time, Character,			
Sunshine (in tenths of hours)					.70 0	.6 .4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.7 .3	.25 0	7.15 Clear			
Wind direction	NW	NW	NW	N	N	N	N	N	N	N	N	N	NE	N	NW	N	NW	N	N	NE	NE	NE	NE	E
Wind movement	7	9	8	8	8	7	7	8	6	5	5	6	6	5	6	6	6	5	6	6	4	4	7	6
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	80	56	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, First Quarter
Average daily cloudiness (0–10) 0
Actual sunshine, hours, 15.0
Possible sunshine, hours, 15.0
Percentage of possible sunshine, 100
Prevailing direction N
Total movement, 153
Average hourly velocity, 6.4

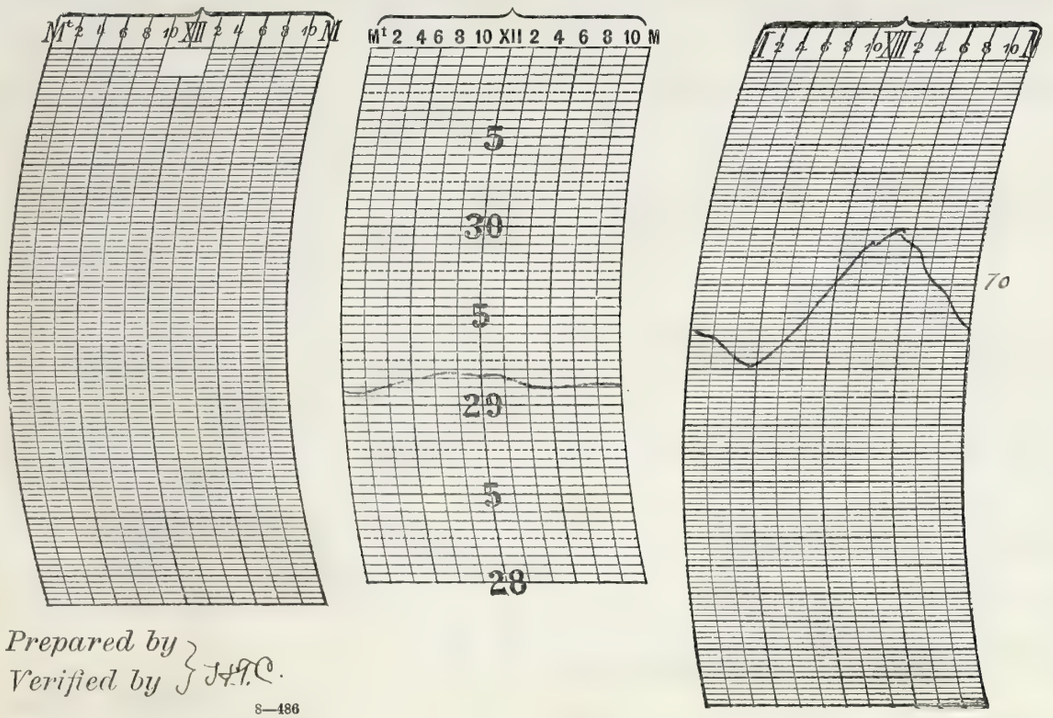
Maximum velocity,	Direction,	Time.
12	N	2.18 a.m.

Extreme velocity, 12

	a. m.	p. m.
Relative humidity,	73	39
Reduced barometer,	30.07	29.98

River gage, 2.5 ft.

NOTES.



Prepared by
Verified by } J.H.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUL 11 1913, 191

Time (local standard), 90 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	58	56	53	54	56	63	65	68	72	74	77	80	83	83	84	84	83	81	71	71	72	74	71
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Clear							Clear				x Cloudy					
Sunrise: Time, Character,	4.18 Clear																				Sunset: Time, Character,			
																					7.14 Cloudy			
Sunshine (in tenths of hours)					0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0	0				
Wind direction	E	NE	E	E	E	SE	SE	SE	SE	E	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	S	S
Wind movement	5	6	6	6	6	5	7	9	10	9	8	10	10	9	13	12	14	10	12	10	6	11	15	17
Maximum velocities (exceeding 27 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

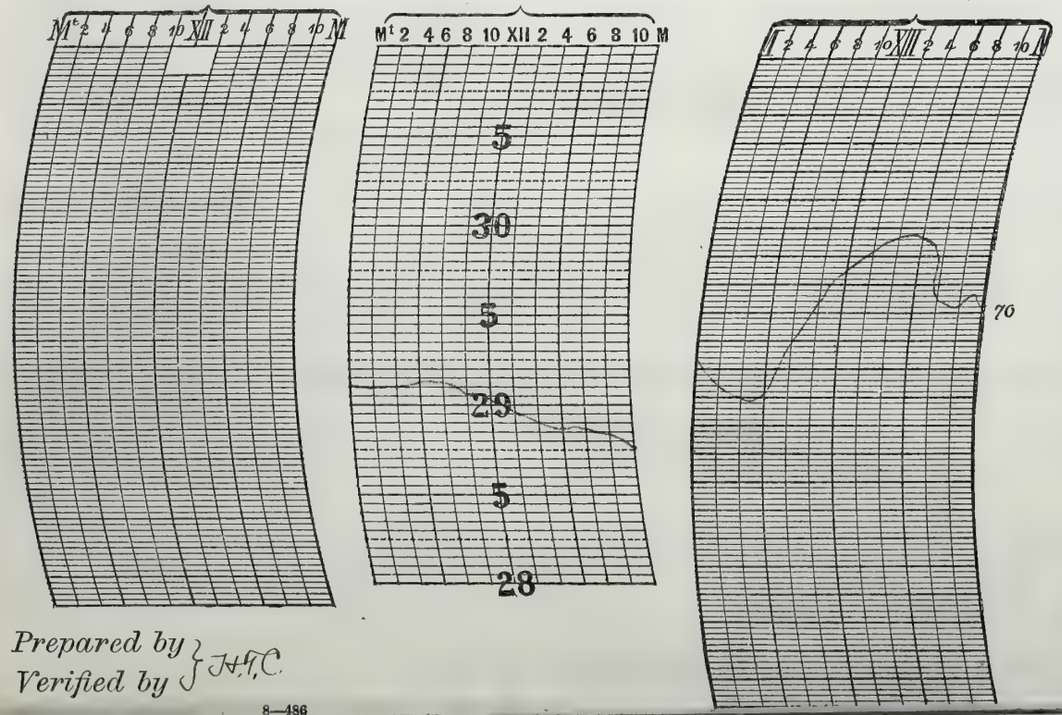
Maximum.	Minimum.	Mean.	Normal.
84	54	69	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 1
Actual sunshine, hours, 13.5
Possible sunshine, hours, 14.9
Percentage of possible sunshine, 91
Prevailing direction SE
Total movement, 226
Average hourly velocity, 9.4

Maximum velocity,	Direction,	Time.
24	S	6.55 p.m.

Extreme velocity, 28
Relative humidity, 65 a. m. 58 p. m.
Reduced barometer, 30.01 a. m. 29.77 p. m.
River gage, 2.2 ft.

NOTES.



Prepared by
Verified by H.H.C.

8—486

FORM NO. 1014—Met 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUL 12 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	12-1 A.M.	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1 P.M.	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	72	73	74	71	71	70	69	74	75	77	79	79	80	82	82	82	82	79	77	74	72	70	70
				TB DN	RE DN																			
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation				.02	T																			
Cloudiness and other conditions					—	Cldy		×	Clear					Clear										
Sunrise: Time, 4.19 Character, Cloudy																					Sunset: Time, 7.14 Character, Clear			
Sunshine (in tenths of hours)					0	0	0	0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8, 0.2	2,3 0				
Wind direction	S	S	SW	SW	SW	W	W	SW	SW	W	SW	W	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	16	17	17	17	16	16	15	19	22	24	27	27	30	26	26	23	24	21	15	12	12	13	13	13
Maximum velocities (exceeding 24 miles) direction and time											31 SW 10.50	34 SW 11.50	33 W 12.10	30 SW 1.30	31 W 2.15		30 SW 4.25							

Total duration: From— To— | Total amount of precipitation | Excessive rate: Began— Ended— | Amount before excessive began | Accumulated depths during excessive rate, for consecutive periods of time indicated below: 5 min. | 10 min. | 15 min. | 20 min. | 25 min. | 30 min. | 35 min. | 40 min. | 45 min. | 50 min. | 60 min. | 80 min. | 100 min. | 120 min.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	82	69	76	

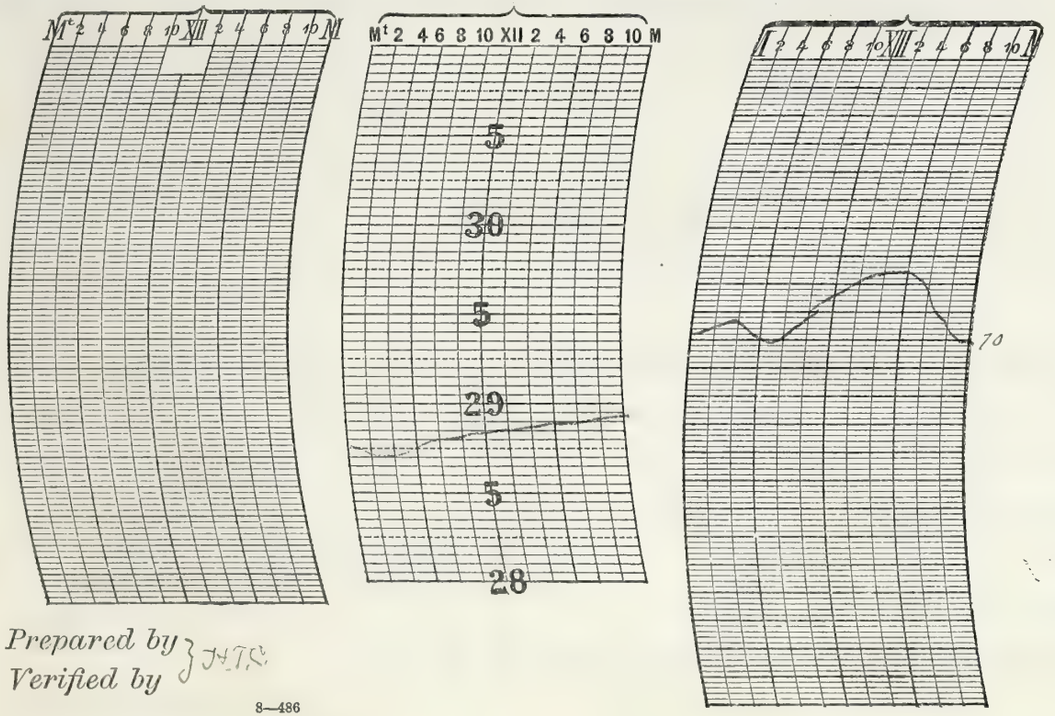
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .02 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 2.
Actual sunshine, hours, 11.9
Possible sunshine, hours, 14.9
Percentage of possible sunshine, 80
Prevailing direction SW
Total movement, 461
Average hourly velocity, 19.2

Maximum velocity,	Direction,	Time.
34	SW	11.50 a. m.

Extreme velocity, 36

Relative humidity, 68 a. m. 41 p. m.
Reduced barometer, 24.65 a. m. 29.77 p. m.
River gage, 2.2 ft.

NOTES.



Prepared by }
Verified by } J.H.S.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUL 13 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	67	67	66	66	67	72	75	80	82	84	87	89	90	91	92	93	91	88	87	83	80	72	73
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Cloudy x				Clear						Clear			x Cloudy						
Sunrise: Time, 4.20 Character, Cloudy																					Sunset: Time, 7.13 Character, Cloudy			
Sunshine (in tenths of hours)					0	0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	N	N	S	NE
Wind movement	14	14	12	13	14	17	20	23	24	27	28	29	29	28	24	22	20	18	10	9	6	9	7	10
Maximum velocities (exceeding 29 miles) direction and time									30 SW 8.55	30 SW 9.55	31 SW 10.40	32 SW 11.39	33 SW 12.30	35 SW 1.55	30 SW 2.10									

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	93	66	80	

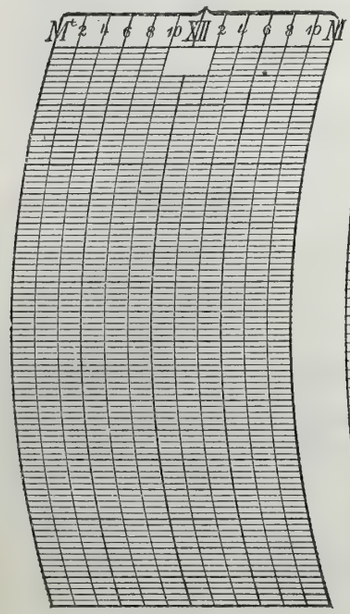
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10) 2
Actual sunshine, hours, 11.5
Possible sunshine, hours, 14.9
Percentage of possible sunshine, 77
Prevailing direction SW
Total movement, 427
Average hourly velocity, 17.5

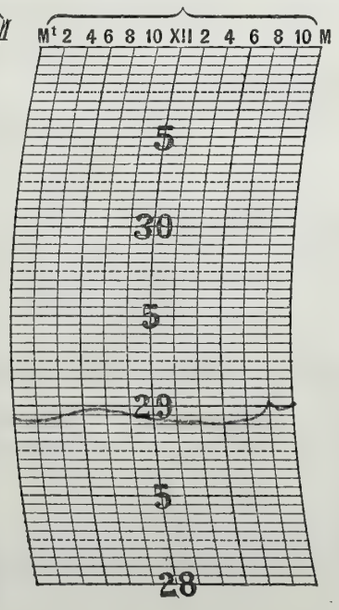
Maximum velocity,	Direction,	Time.
35	SW	1.55 p. m.

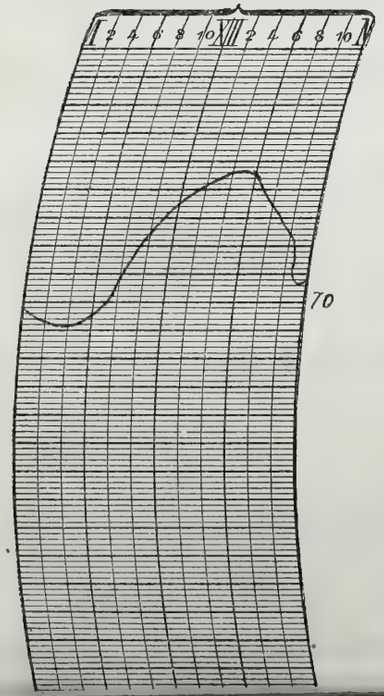
Extreme velocity, 36

Relative humidity,	69	a. m.	55	p. m.
Reduced barometer,	29.85	a. m.	29.74	p. m.

River gage, 2.1 ft.







NOTES.

10.00 First heard.

Prepared by
Verified by J.H.C.

FORM NO. 1011—Mct 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUL 14 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

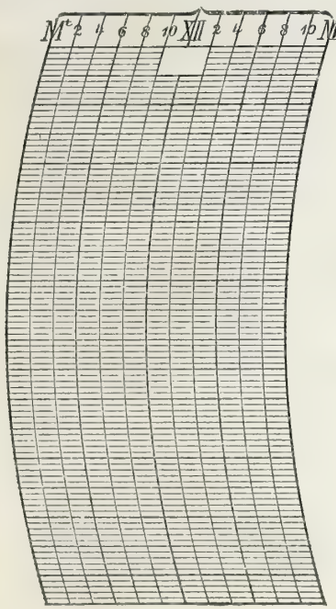
	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	64	64	64	63	64	65	65	67	72	75	77	80	82	85	85	87	84	82	80	79	75	67	67
	RB 12.01						RL 6.15															RB 9.45		
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation	1.10	.12	.10	.10	.09	.04	.01															.30	.13	.13
Cloudiness and other conditions						Cloudy					Clear		Clear											
Sunrise: Time, Character,	4.21 Cloudy																				Sunset: Time, Character,	7.13 Clear		
Sunshine (in tenths of hours)				7	0	0	0	0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.22				
																			0	0				
Wind direction	W	N	NW	W	SW	S	SW	W	SW	SW	W	W	W	W	SW	SW	SW	S	SE	SE	SE	SE	NW	N
Wind movement	19	10	7	4	9	10	9	8	8	11	11	11	12	7	6	4	4	3	4	3	5	13	17	11
Maximum velocities (exceeding 24 miles) direction and time	31 SW 12.30																					33 NW 9.45		

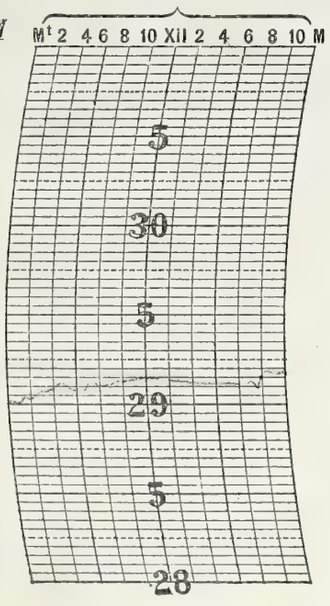
	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts	12.01a	6.15a	1.56	12.~~38~~a	12.38a	0	.12	.18	.33	.64	.80	.87	.95	1.01	1.07	1.10				

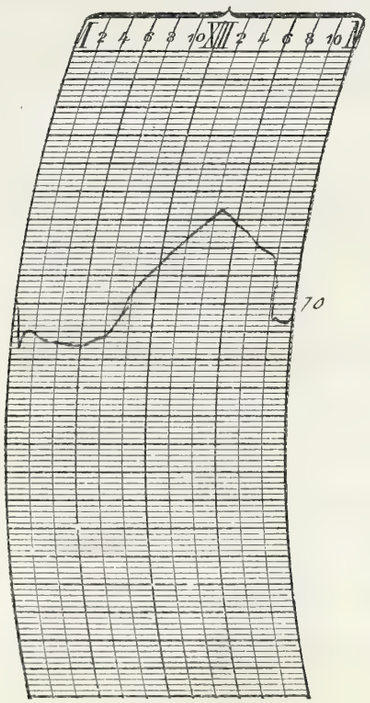
Maximum 87 — Minimum 63 — Mean 75 — Normal

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 1.56 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 2.12 inches.
Character of day, Clear — Moon phase,
Average daily cloudiness (0-10) 2
Actual sunshine, hours, 10.8
Possible sunshine, hours, 14.9
Percentage of possible sunshine, 72
Prevailing direction SW & W
Total movement, ~~205~~ 206
Average hourly velocity, ~~8.5~~ 8.6

Maximum velocity, 33 — Direction, NW — Time, 9.45 p.m.
Extreme velocity, 35
Relative humidity, 9.5 a. m. 65 p. m.
Reduced barometer, 30.03 a. m. 30.02 p. m.
River gage, 2.6 ft







NOTES.

R 10.00 p.m.

Prepared by } H.T.C.
Verified by }

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUL 16 1913, 191

Time (local standard) 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	68 RE DN	67	66	66	65	67	71	73	77	78	80	82	84	85	85	84	84	83	81	80	79	76	73	71
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation	.02																							
Cloudiness and other conditions									Clear						Clear									
Sunrise: Time, Character,	4.21 Clear																				Sunset: Time, Character,			
Sunshine (in tenths of hours)					0	0.8	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.8	0	0	7.12 Clear			
Wind direction	NE	NE	SW	SW	SW	SW	SW	SW	SW	S	SW	SW	NW	N	NE	NE	NE	E	E	E	E	E	E	E
Wind movement	9	4	6	7	5	4	3	2	2	5	3	3	4	6	6	7	7	6	4	3	3	5	8	8
Maximum velocities (exceeding 27 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
85	65	75	

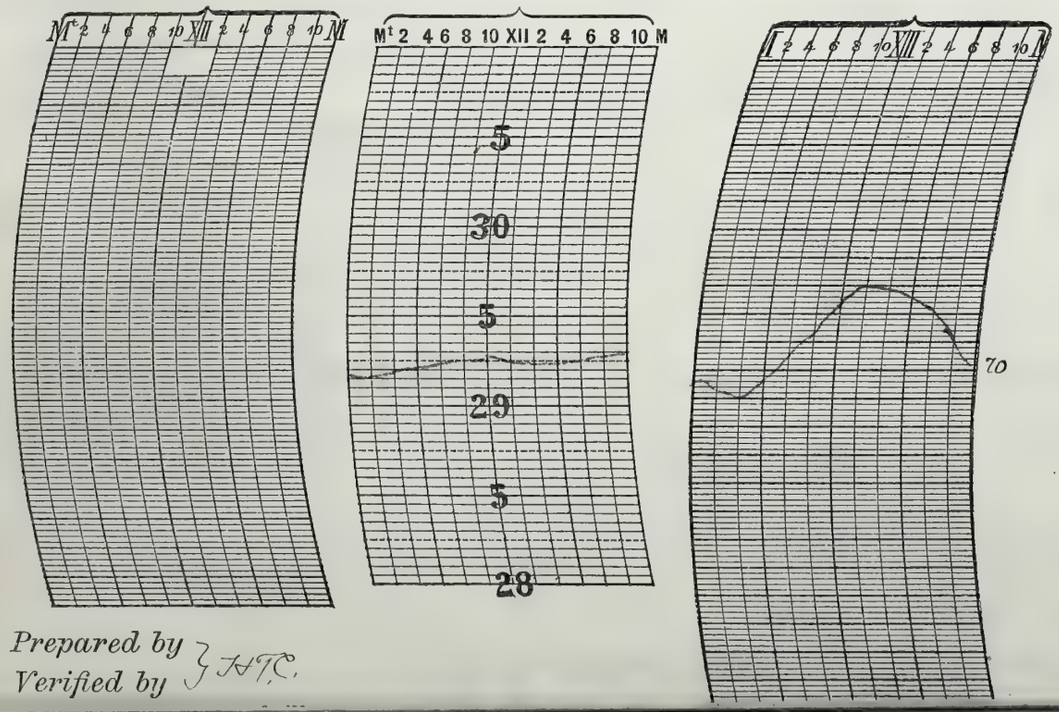
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .58 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 1
Actual sunshine, hours, 14.6
Possible sunshine, hours, 14.8
Percentage of possible sunshine, 99
Prevailing direction SW
Total movement, 122
Average hourly velocity, 5.1

Maximum velocity,	Direction,	Time.
13	NE	12.37 p. m.

Extreme velocity, 13

Relative humidity, 86 a. m. 72 p. m.
Reduced barometer, 30.12 a. m. 30.13 p. m.
River gage, 3.5 ft.

NOTES.



Prepared by
Verified by J. A. C.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUL 16 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	69	69	69	65 RB 4:00	65	66	66	66 RE 8:40	69	74	77	80	82	83	84	85	86	84	82	81	79	79	79
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation					02	T	.02	T	T															
Cloudiness and other conditions					Cloudy								Pt Cloudy						Clear					
Sunrise: Time, Character,	4.22 Cloudy																				Sunset: Time, 7.11 Character, Clear			
Sunshine (in tenths of hours)					0	0	0	0	0.1	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.18				
Wind direction	E	E	E	E	S	SE	S	SE	SE	SE	SE	S	S	S	S	S	S	S	SE	SE	SE	S	SW	SW
Wind movement	7	8	8	3	6	6	6	3	7	5	7	6	9	9	9	8	8	6	5	7	8	9	11	10

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	86	65	76	

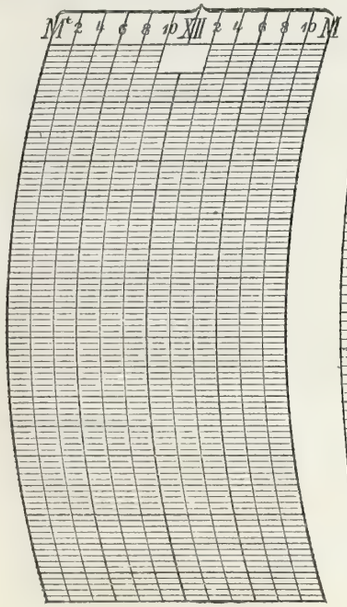
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .04 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .04 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10) 5
Actual sunshine, hours, 9.6
Possible sunshine, hours, 14.8
Percentage of possible sunshine, 65
Prevailing direction S
Total movement, 171
Average hourly velocity, 7.1

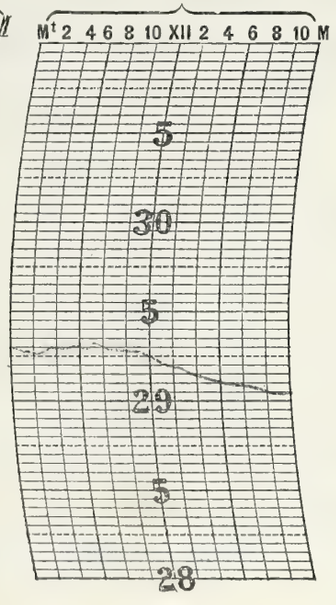
Maximum velocity,	Direction,	Time.
13	S	9.15 p.m

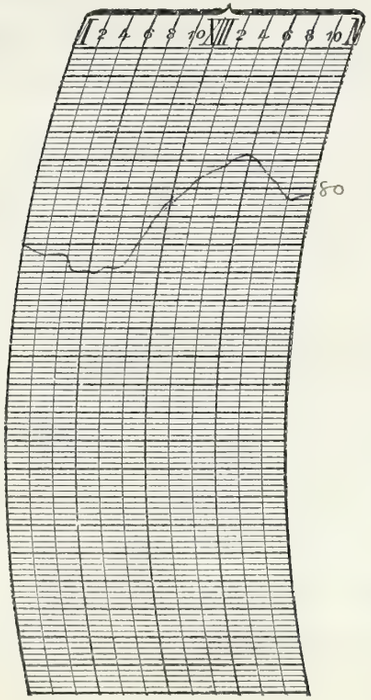
Extreme velocity, 13
Relative humidity, 100 a. m. 66 p. m.
Reduced barometer, 30.21 a. m. 3000 p. m.
River gage, 4.3 ft

NOTES.

RE 4:00 p.m.







Prepared by
Verified by JHTC.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

JUL 17 1913

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) _____, 191

Time (local standard), 90 mer. _____ hours slower than 75th meridian time.

	A.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	79	78	78	77	76	77	79	81	77	77	80	84	86	85	86	87	86	85	81	79	76	74	72	70
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					—	—	—	—	Clear	—	—	—	—	—	Clear	—	—	—	—	—	—	—	—	—
Sunrise: Time, 4.23 Character, Clear / Sunset: Time, 7.11 Character, Clear																								
Sunshine (in tenths of hours)					6.2 0	0.4 0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9 0.1	.18 0				
Wind direction	SW	SW	SW	SW	SW	SW	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	W	W	NW	NW	NW
Wind movement	9	11	15	15	12	14	12	13	14	14	12	9	11	12	11	9	7	7	6	7	8	7	6	4
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	87	70	78	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, _____
Average daily cloudiness (0-10) 0
Actual sunshine, hours, 14.8
Possible sunshine, hours, 14.8
Percentage of possible sunshine, 100
Prevailing direction NW
Total movement, 245
Average hourly velocity, 10.2

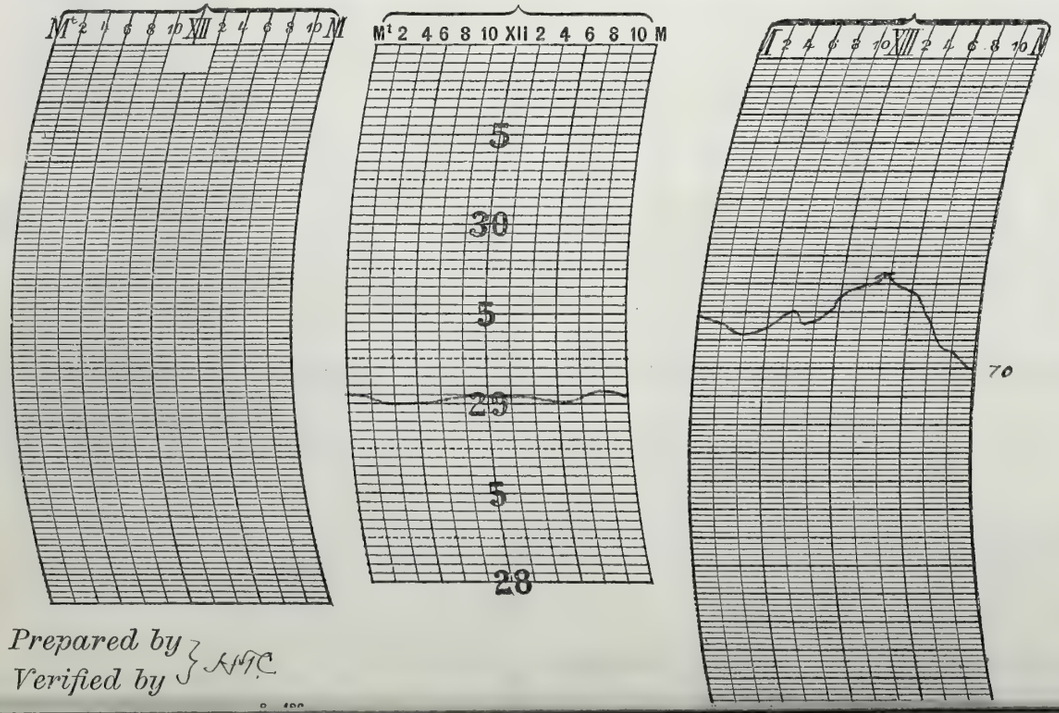
Maximum velocity,	Direction,	Time.
18	SW	2.35 p.m.

Extreme velocity, 18

	a. m.	p. m.
Relative humidity,	75	64
Reduced barometer,	29.89	29.89

River gage, 4.5 ft.

NOTES.



Prepared by _____
Verified by _____

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUL 18 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	69	68	67	67	66	66	70	72	75	78	80	81	82	79	79	79	80	78	76	74	72	70	68	68
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								P. Cloudy						P. Cloudy										
Sunshine (in tenths of hours)	Sunrise: Time, 4.24 Character, Cloudy				0	0	0.3	0.9	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.2	0.4	0.3	0.2	0	Sunset: Time, 7.10 Character, Clear			
Wind direction	N	N	NW	NW	NW	NW	NW	NW	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	4	4	3	1	3	4	2	3	5	4	6	9	9	9	8	6	7	10	8	10	9	9	5	6
Maximum velocities (exceeding 27 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

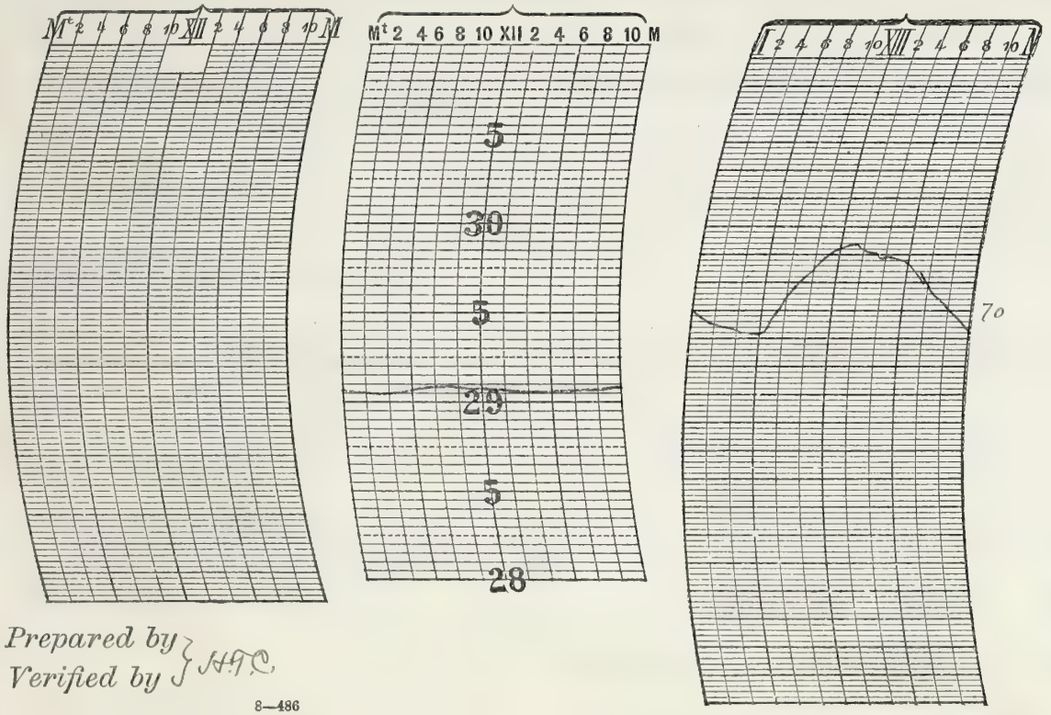
	Maximum.	Minimum.	Mean.	Normal.
	82	66	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, P. Cloudy Moon phase, Full Moon
Average daily cloudiness (0–10) 4
Actual sunshine, hours, 10.1
Possible sunshine, hours, 14.8
Percentage of possible sunshine, 68
Prevailing direction NW
Total movement, 144
Average hourly velocity, 6.0

Maximum velocity,	Direction,	Time.
15	N	11.53 a. m.

Extreme velocity, 15
Relative humidity, 83 a. m. 76 p. m.
Reduced barometer, 29.96 a. m. 29.91 p. m.
River gage, 4.7 ft

NOTES.



Prepared by
Verified by } HPC.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUL 19 1913, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	65	65	64	65	66	64	67	72	75	77	77	80	81	80	82	83	81	79	76	73	70	67	67	66
State of weather. Nature of precipitation and time of beginning and ending						TR 5.05	RE 6.28																	
Amounts of precipitation						.01	.01																	
Cloudiness and other conditions						Cloudy	X		Clear						Clear									
Sunrise: Time, 4.25 Character, Cloudy																								
Sunshine (in tenths of hours)				0	0	0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	0.6	1.0	1.0	1.0	1.0	0.5	0				
Sunset: Time, 7.09 Character, Clear																								
Wind direction	NW	NW	N	N	N	N	NW	NW	NW	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	5	7	6	3	3	3	3	4	6	10	11	10	10	12	12	12	14	11	7	4	4	5	5	3
Maximum velocities (exceeding 27 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
83	64	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .02 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10) 3
Actual sunshine, hours, 12.0
Possible sunshine, hours, 14.7
Percentage of possible sunshine, 82
Prevailing direction NW
Total movement, 172
Average hourly velocity, 7.2

Maximum velocity,	Direction,	Time.
17	NW	4.30 p.m.

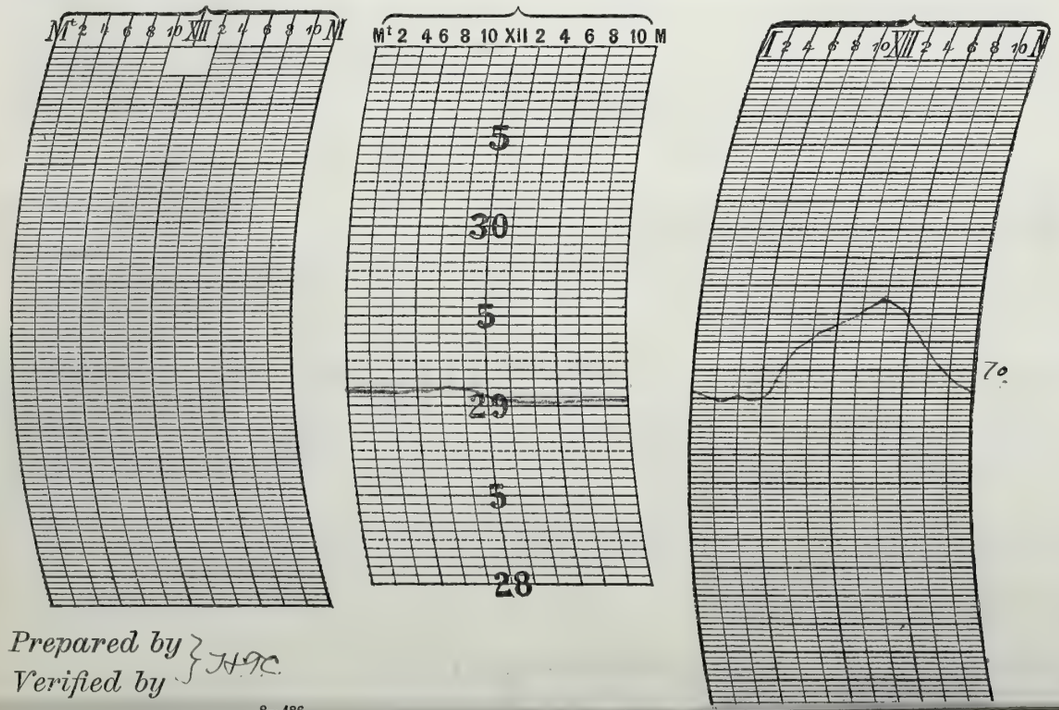
Extreme velocity, 20

Relative humidity,	a. m.	p. m.
	83	48

Reduced barometer,	a. m.	p. m.
	29.97	29.92

River gage, 4.8 ft.

NOTES.



Prepared by JHC
Verified by

8–486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUL 20 1913, 191

Time (local standard), 75 mer. — 1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	65	64	63	62	61	62	64	69	71	73	74	74	75	77	77	75	74	73	70	66	64	63	61	60
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear							Clear										
Sunrise: Time, Character, / Sunset: Time, Character,	Sunrise: 4.26 Clear																				Sunset: 7.09 Clear			
Sunshine (in tenths of hours)					0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0				
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	4	5	4	6	6	4	7	10	12	13	14	12	14	13	13	13	14	14	11	8	9	7	6	6
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

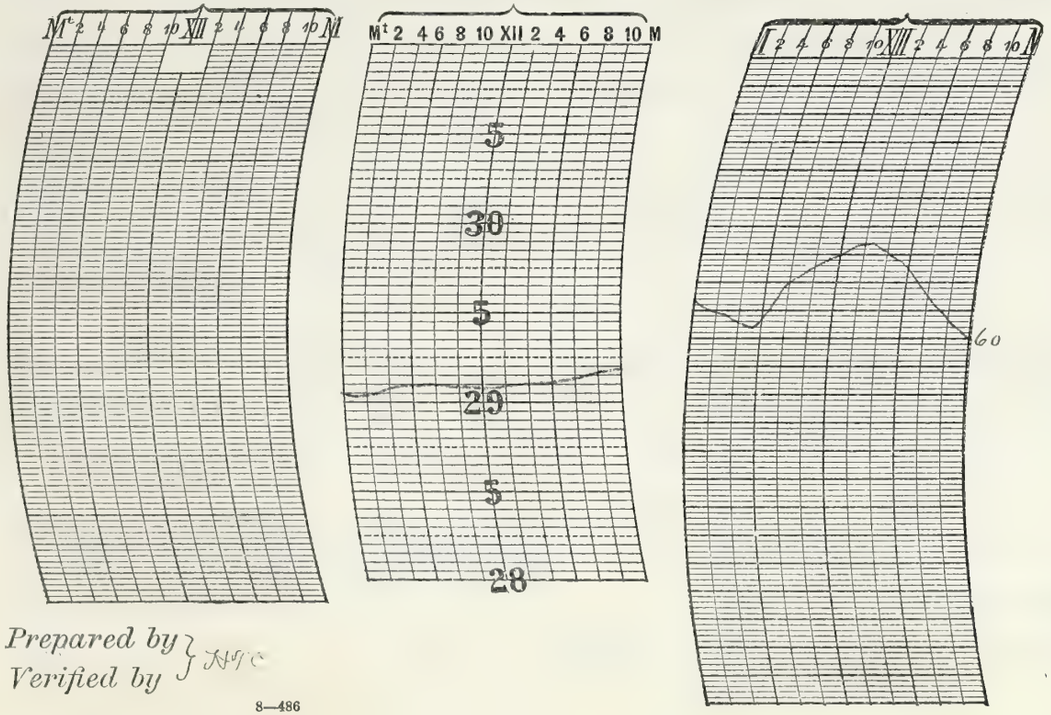
	Maximum.	Minimum.	Mean.	Normal.
	77	60	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear. Moon phase,
Average daily cloudiness (0-10) 0
Actual sunshine, hours, 14.7
Possible sunshine, hours, 14.7
Percentage of possible sunshine, 100
Prevailing direction NW
Total movement, ~~204~~ 229
Average hourly velocity, ~~8.4~~ 9.5

Maximum velocity,	Direction,	Time.
17	NW	12.53 p m

Extreme velocity, 17
Relative humidity, 75 a. m. 54 p. m.
Reduced barometer, 29.97 a. m. 30.02 p. m.
River gage, 4.8 ft.

NOTES.



Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUL 21 1913, 191

Time (local standard), 90 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	58	58	57	56	60	62	66	68	70	72	74	78	77	80	80	77	76	75	70	67	65	65	63
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Clear							Clear									
Sunrise: Time, 4.27 Character, Clear					.55	0.7													0.7	1.3	Sunset: Time, 7.08 Character, Clear			
Sunshine (in tenths of hours)					0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0				
Wind direction	NW	N	N	NW	N	N	N	N	NE	NE	N	N	NE	NW	SW	W	SW	SW	W	W	NW	NW	NW	NW
Wind movement	5	4	4	3	4	4	5	5	5	5	6	3	4	5	3	6	7	6	5	3	6	4	2	1

Maximum velocities (exceeding 24 miles) direction and time

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

1 hours slower than 75th meridian time.

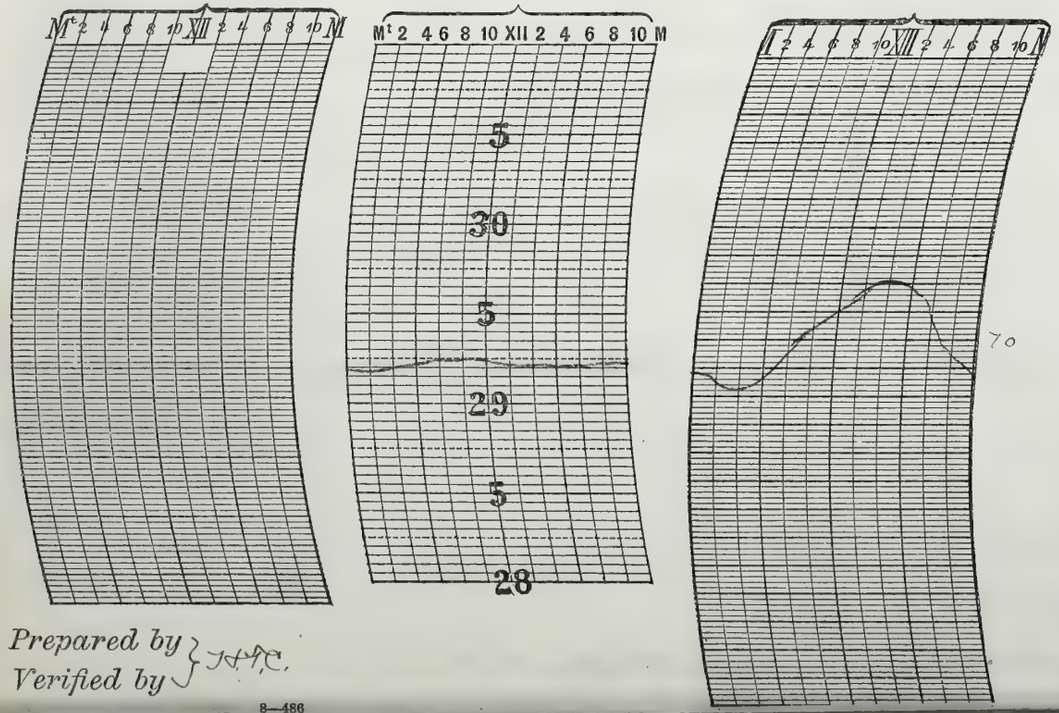
Maximum.	Minimum.	Mean.	Normal.
80	56	68	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 0
Actual sunshine, hours, 14.7
Possible sunshine, hours, 14.7
Percentage of possible sunshine, 100
Prevailing direction N
Total movement, 105
Average hourly velocity, 4.4

Maximum velocity,	Direction,	Time.
10	SW	5.00 p.m.

Extreme velocity, 10
Relative humidity, 79 a. m. 51 p. m.
Reduced barometer, 30.14 a. m. 30.07 p. m.
River gage, 4.5 ft

NOTES.



Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUL 22 1913, 191

Time (local standard) 90 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	60	59	60	58	61	65	71	73	76	78	81	81	82	82	83	82	80	79	73	73	72	71	70
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation					—		—		Clear				—	—	Clear									
Cloudiness and other conditions																								
Sunrise: Time, 4.27 Character, Clear																					Sunset: Time, 7.07 Character, Clear			
Sunshine (in tenths of hours)					0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0	0				
Wind direction	O	NW	O	NW	NW	NW	SW	S	SW	SW	SW	W	SW	SW	SW	SW	SW	SW	S	S	S	S	S	SE
Wind movement	0	1	0	1	1	1	2	3	6	7	6	4	8	7	7	6	5	5	3	2	3	5	6	7
Maximum velocities (exceeding 25 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

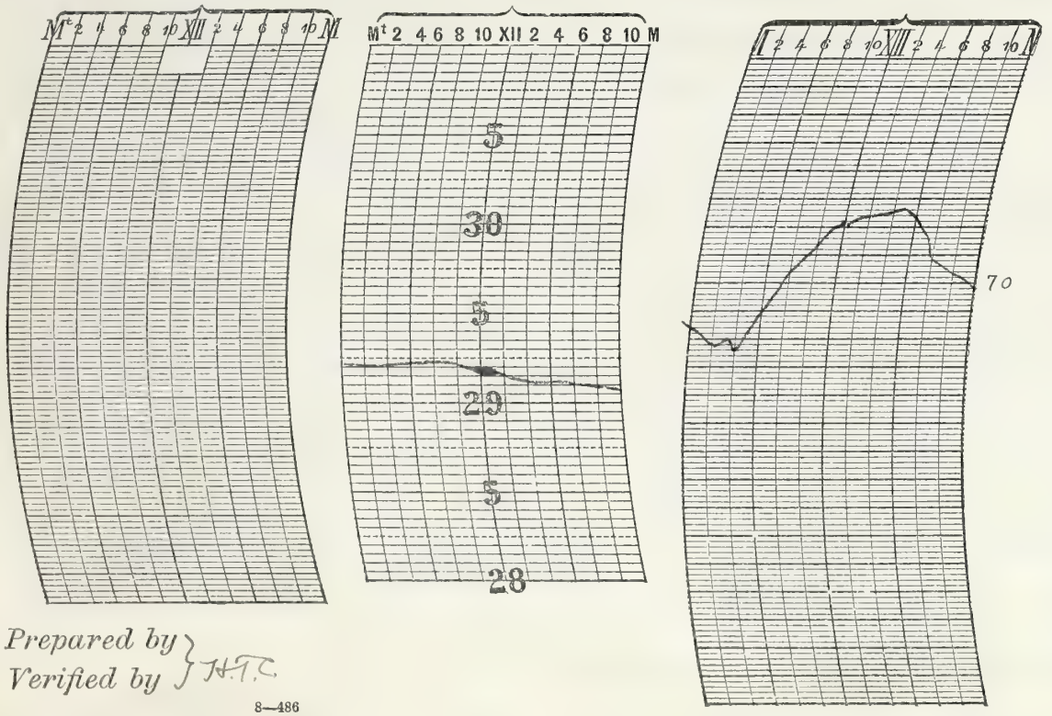
Maximum.	Minimum.	Mean.	Normal.
83	58	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 0
Actual sunshine, hours, 14.7
Possible sunshine, hours, 14.7
Percentage of possible sunshine, 100
Prevailing direction SW
Total movement, 96
Average hourly velocity, 4.0

Maximum velocity,	Direction,	Time.
9	SW	3.45 p.m.

Extreme velocity, 9
Relative humidity, 57 a. m. 44 p. m.
Reduced barometer, 30.14 a. m. 30.00 p. m.
River gage, 4.0 ft

NOTES.



Prepared by
Verified by H.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUL 23 1913, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	69	68	66	64	63	64	66	72	75	78	79	80	74	72	73	71	69	71	70	69	69	69	69	69
State of weather: Nature of precipitation and time of beginning and ending													RB 12.10 RE 12.50			RB 3.15	RE 4.10							
Amounts of precipitation													T			.04	T							
Cloudiness and other conditions								Cloudy							Cloudy									

Sunrise: Time, 4.28 Character, Cloudy

Sunset: Time, 7.06 Character, Cloudy

Sunshine (in tenths of hours)					0	0	0	0.6	0.5	1.0	1.0	0.2	0	0	0	0	0	0	0	0				
Wind direction	SE	SE	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	SW	SW	SW	SW	W	W	W
Wind movement	7	6	7	8	7	8	8	11	8	12	11	8	12	7	8	10	8	6	6	5	6	4	5	4

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
80	63	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .04 ins.

Total precipitation, midnight to midnight, .04 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10) 7.1

Actual sunshine, hours, 3.3

Possible sunshine, hours, 14.6

Percentage of possible sunshine, 23

Prevailing direction SW

Total movement, 182

Average hourly velocity, 7.6

Maximum velocity,	Direction,	Time.
17	SW	12.35 pm

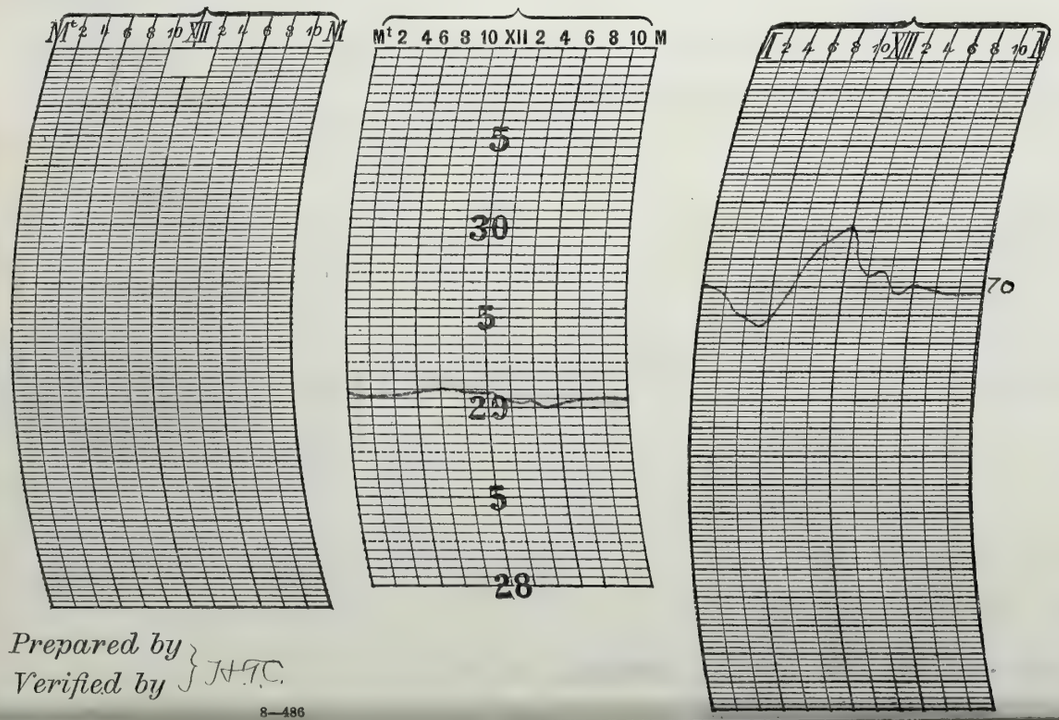
Extreme velocity, 19

Relative humidity, 68 a. m. 86 p. m.

Reduced barometer, 29.97 a. m. 29.91 p. m.

River gage, ~~29.97~~ 3.4 ft

NOTES.



Prepared by
Verified by } J.H.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUL 24 1913, 191

Time (local standard), 90 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	67	66	64	64	63	67	69	72	72	74	73	74	75	75	74	73	71	69	66	64	61	60	59
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						—	Pt Cloudy					×	Clear											
Sunrise: Time, Character,	4.29 Cloudy																				Sunset: Time, 7.05 Character, Clear			
Sunshine (in tenths of hours)					0	0	0	0.5	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.4	0			
Wind direction	W	SW	W	W	W	W	NW	NW	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	N
Wind movement	4	4	3	2	3	4	4	3	5	12	17	17	16	15	14	14	13	11	8	6	6	8	6	7
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
75	59	67	

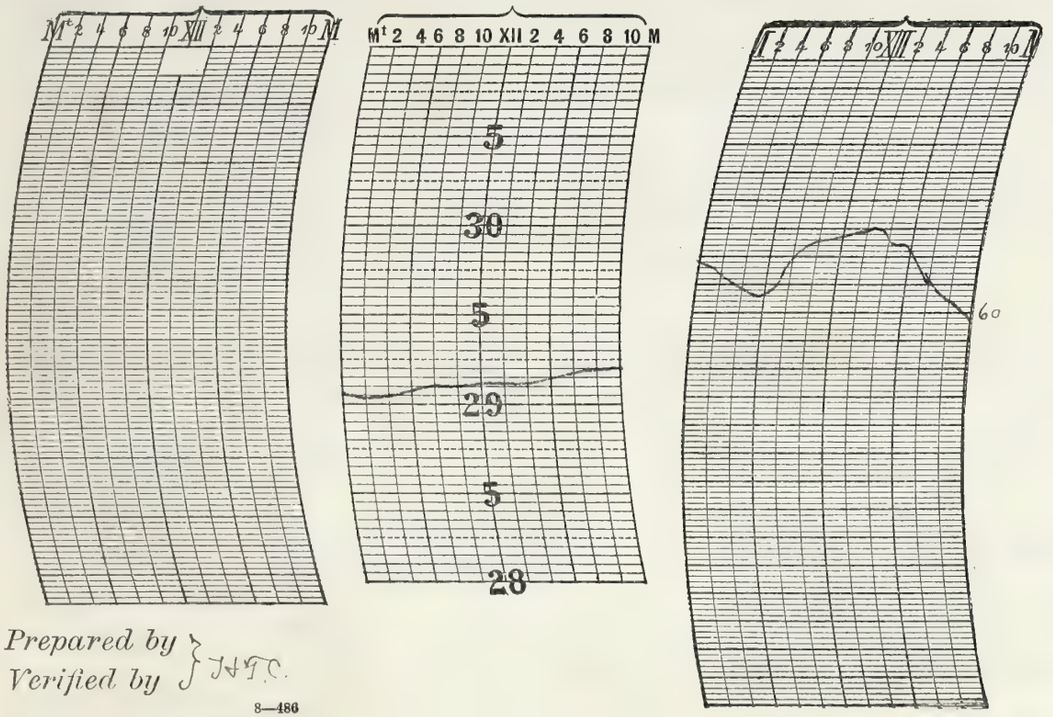
Total depth of snow for 24 hours ending 7 p. m., 0 inche
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 3
Actual sunshine, hours, 11.4
Possible sunshine, hours, 14.6
Percentage of possible sunshine, 78
Prevailing direction NW
Total movement, 202
Average hourly velocity, 8.4

Maximum velocity,	Direction,	Time.
20	NW	11:40 a.m.

Extreme velocity, 31

Relative humidity, 78 a. m. 51 p. m.
Reduced barometer, 29.97 a. m. 30.05 p. m.
River gage, 28 ft.

NOTES.



Prepared by
Verified by JHTC.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) JUL 25 1913, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	57	57	55	54	53	60	64	67	68	69	72	73	74	75	76	75	74	72	70	70	67	66	63
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					—	—	—	Clear	—	—	—	—	—	—	Clear	—	—	—	cldy	—	—	—	—	—
Sunrise: Time 4.30, Character Clear																					Sunset: Time 7.04, Character Cloudy			
Sunshine (in tenths of hours)					0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0	0				
Wind direction	N	N	N	N	N	N	NE	E	E	E	E	E	SE	SE	SE	S	SE	SE	E	E	E	E	SE	SE
Wind movement	4	2	1	2	3	2	6	6	8	6	7	5	5	6	6	6	5	3	4	5	4	5	4	4
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts.

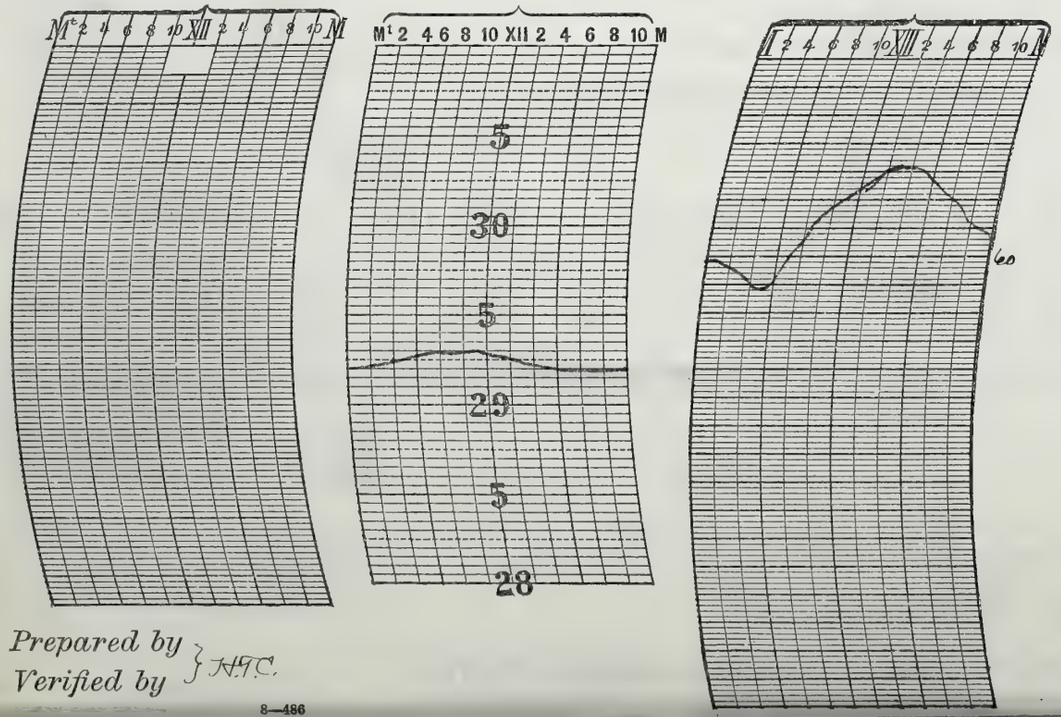
	Maximum.	Minimum.	Mean.	Normal.
	76	54	65	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear. Moon phase,
Average daily cloudiness (0–10) 2
Actual sunshine, hours, 12.8
Possible sunshine, hours, 14.6
Percentage of possible sunshine, 88
Prevailing direction E
Total movement, 109
Average hourly velocity, 4.5

Maximum velocity,	Direction,	Time.
11	E	8.25 a.m.

Extreme velocity, 11
Relative humidity, 74 a. m. 58 p. m.
Reduced barometer, 30.20 a. m. 30.09 p. m.
River gage, 24 ft.

NOTES.



Prepared by
Verified by } H.P.C.

8—486

Form No. 1014—Met 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) JUL 26 1913, 191

Time (local standard), 90 mer.

	A.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	61	60	58	57	57	56	65	68	72	75	77	81	84	85	86	86	86	85	81	80	79	77	76	75
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Cldy	×	Clear						—		Clear									
Sunrise: Time, Character,	4.31 Cloudy																				Sunset: Time, 7.03 Character, Clear			
Sunshine (in tenths of hours)					0	0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.05				
Wind direction	SE	E	E	SE	SE	E	SE	SE	SE	SE	S	S	S	S	S	S	S	S	SE	SE	SE	SE	SE	S
Wind movement	4	5	4	3	2	5	4	6	8	6	7	6	6	6	7	5	5	4	4	3	5	4	4	7
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.
	86	56	71	

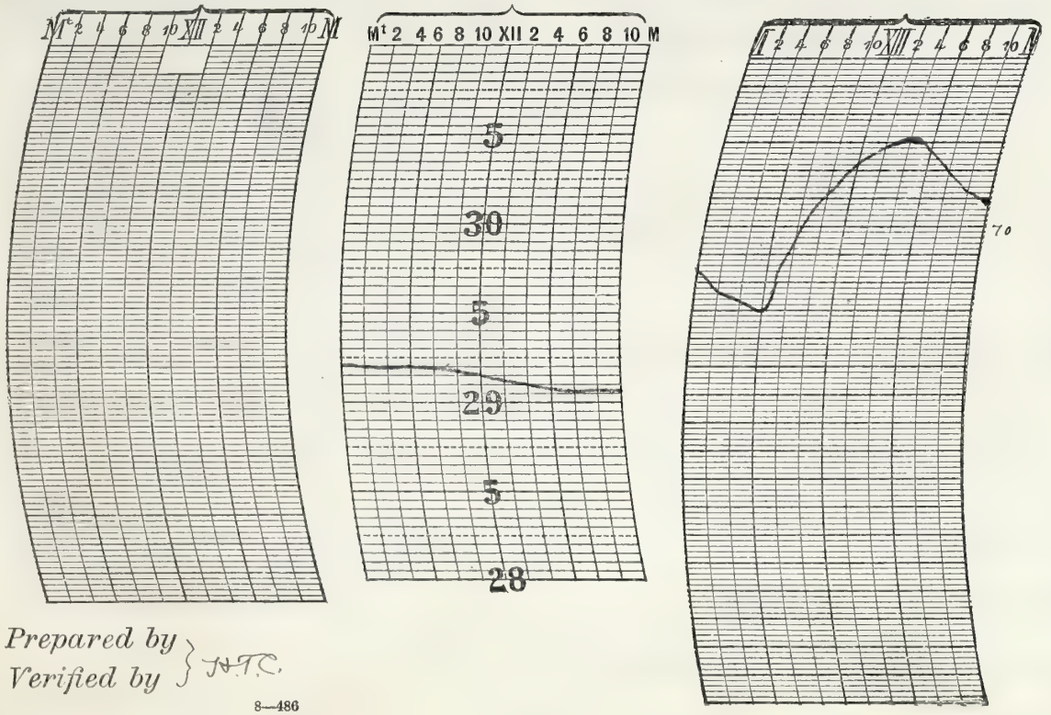
Total depth of snow for 24 hours ending 7 p. m., 0 in.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 in.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase Last Quarter
Average daily cloudiness (0-10) 2
Actual sunshine, hours, 12.6
Possible sunshine, hours, 14.6
Percentage of possible sunshine, 86
Prevailing direction SE
Total movement, 120
Average hourly velocity, 5.0

Maximum velocity,	Direction,	Time.
11	SE	8.25a.m.

Extreme velocity, 11

Relative humidity, 62 a. m. 52 p. m.
Reduced barometer, 30.10 a. m. 27.96 p. m.
River gage, 2.2ft

NOTES.



Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) JUL 27 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	73	71	71	71	71	72	76	78	81	84	86	88	89	92	92	91	74	80	77	76	75	74	73	73
State of weather: Nature of precipitation and time of beginning and ending																	RB 4.10 RE 4.15							
Amounts of precipitation																	T							
Cloudiness and other conditions								Clear							Clear x Cldy									
Sunrise: Time 4.32, Character Clear					47	0.9															Sunset: Time 7.03, Character Cloudy			
Sunshine (in tenths of hours)					0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3	0	0.2	0	0				
Wind direction	S	S	S	S	SW	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	NW	SW	S	SW	SW	SW
Wind movement	7	8	8	7	8	7	10	9	13	11	13	15	15	16	14	14	15	18	12	9	7	7	9	7

Maximum velocities (exceeding 29 miles) direction and time: 29

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

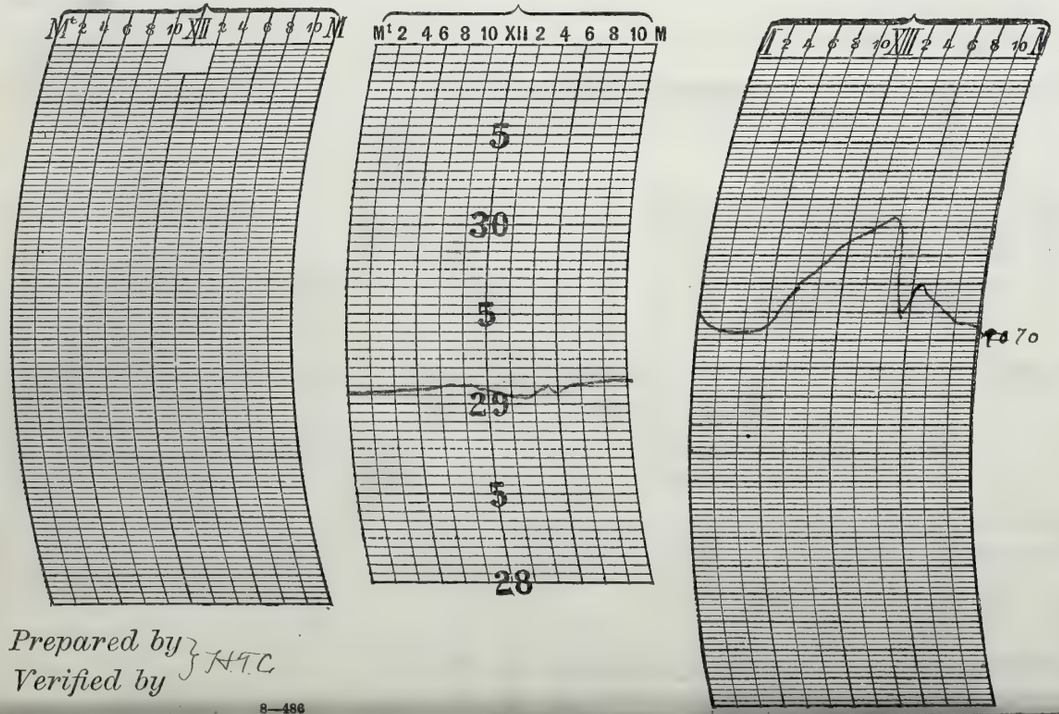
Maximum.	Minimum.	Mean.	Normal.
92	71	82	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 3
Actual sunshine, hours, 11.0
Possible sunshine, hours, 14.5
Percentage of possible sunshine, 76
Prevailing direction S.W
Total movement, 248
Average hourly velocity, 10.3

Maximum velocity,	Direction,	Time.
29	SW	4.00 p.m.

Extreme velocity, 31
Relative humidity, 76 a. m. 71 p. m.
Reduced barometer, 29.97 a. m. 29.98 p. m.
River gage, 22 ft.

NOTES.



Prepared by
Verified by } N.T.C.

8—486

FORM NO. 1011—Mct 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) JUL 28 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	12-1 A.M.	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1 P.M.	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	73	72	71	71	71	74	75	78	82	87	89	91	91 (92)	91	88	87	85	83	82	79	77	76	75
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Clear				×			Cloudy									
Sunrise: Time 4.33, Character Clear					4.5	0.8															Sunset: Time 7.02, Character Cloudy			
Sunshine (in tenths of hours)					0	0.2	0.4	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0	0	0				
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	NW	N	N	N	N	SW	SW	SW	SW
Wind movement	9	8	8	7	6	6	7	7	6	6	9	10	8	9	9	11	9	4	5	3	5	5	5	5
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	92	71	82	

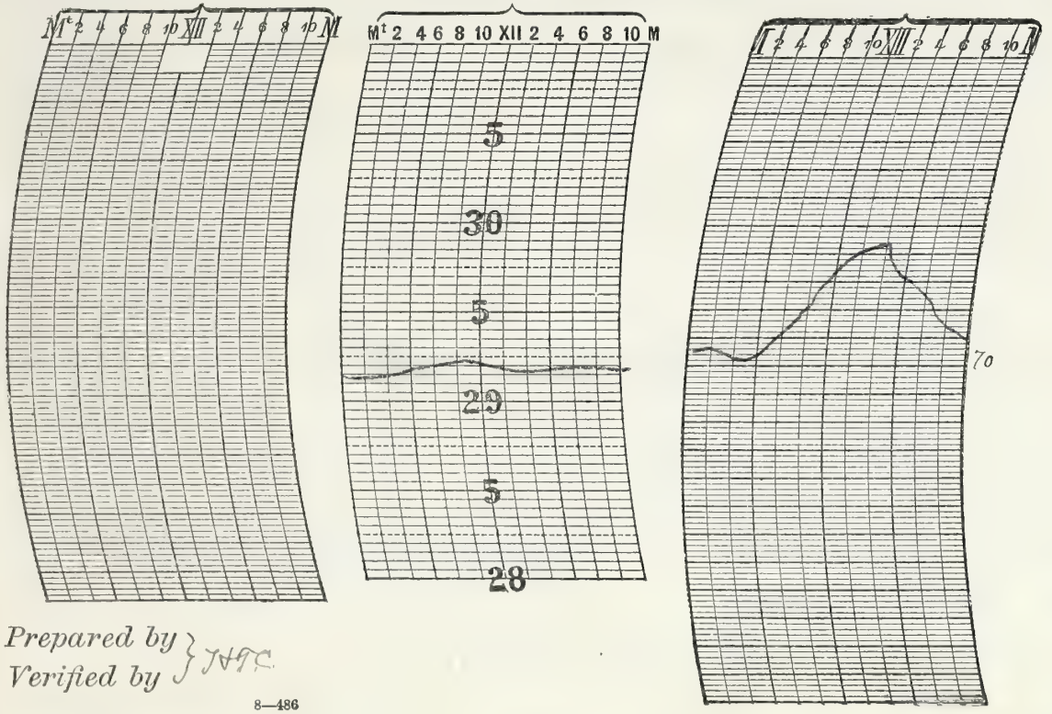
Total depth of snow for 24 hours ending 8 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 4
Actual sunshine, hours, 10.6
Possible sunshine, hours, 14.5
Percentage of possible sunshine, 73
Prevailing direction SW
Total movement, 167
Average hourly velocity, 7.0

Maximum velocity,	Direction,	Time.
17	NW	3.30 p.m.

Extreme velocity, 18

	a. m.	p. m.
Relative humidity,	80	66
Reduced barometer,	30.10	30.08

River gage, 2.2 ft



NOTES.

Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) JUL 29 1913, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	74	74	73	72	72	76	81	83	86	88	90	91	92	93	93	92	91	88	87	86	83	82	85
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Clear										Clear									
Sunrise: Time, 4.34 Character, Clear																					Sunset: Time, 7.01 Character, Clear			
Sunshine (in tenths of hours)					0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0				
Wind direction	NW	NW	NW	SW	SW	SW	W	W	NW	NW	NW	NW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S
Wind movement	1	4	2	2	2	1	2	3	5	5	7	5	6	11	11	12	12	9	5	4	6	6	8	8
Maximum velocities (exceeding 29 miles) direction and time																								

0.9, 0.2

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
93	72	82	

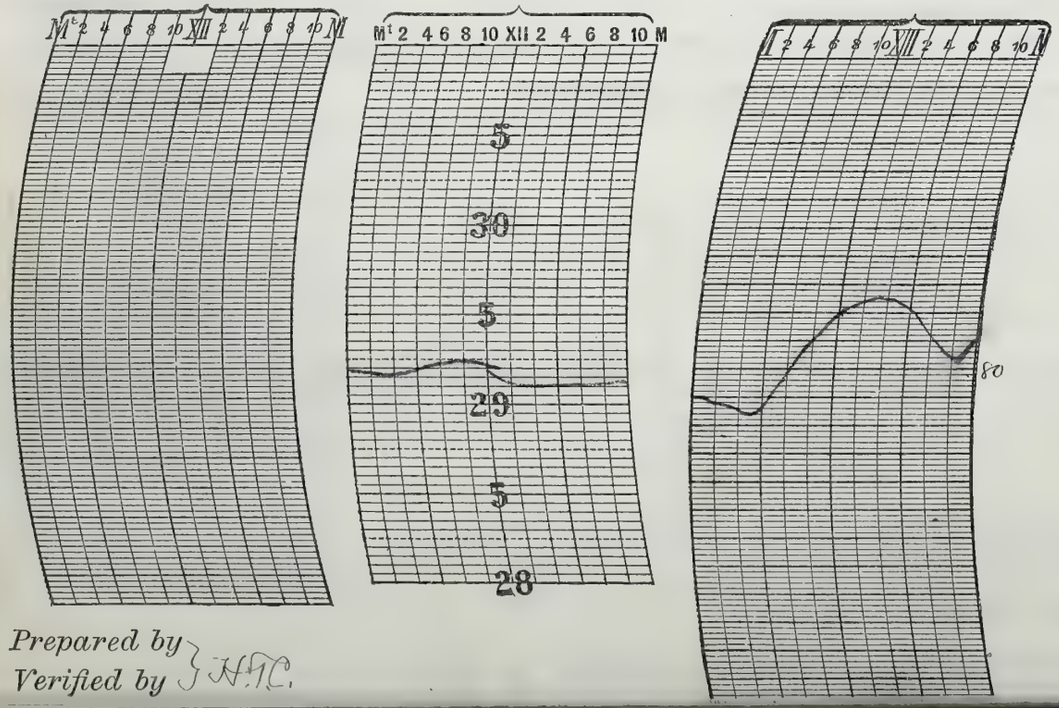
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 0
Actual sunshine, hours, 14.4
Possible sunshine, hours, 14.4
Percentage of possible sunshine, 100
Prevailing direction SW
Total movement, 137
Average hourly velocity, 5.7

Maximum velocity,	Direction,	Time.
14	SW	4.10 p.m.

Extreme velocity, 15

Relative humidity, 83 a. m. 61 p. m.
Reduced barometer, 30.10 a. m. 30.00 p. m.
River gage, 2.2 ft.

NOTES.



Prepared by
Verified by H.T.C.

Form No. 1014—Mch 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) JUL 30 1913, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	83	80	77	77	76	75	78	82	85	86	88	91	92	93	94	95	93	91	88	87	84	80	78	76
State of weather: Nature of precipitation and time of beginning and ending		RB DN RE DN																						
Amounts of precipitation		.02																						
Cloudiness and other conditions								Clear						Clear					Hazy					
Sunrise: Time, Character	4.35 Clear				4.20	6															Sunset: Time, Character			7.00 Cloudy
Sunshine (in tenths of hours)					0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0	0					0
Wind direction	S	NE	E	S	S	S	SW	W	N	N	NE	NE	NE	NE	NE	NE	E	E	E	E	E	E	E	E
Wind movement	8	6	4	7	8	7	7	6	8	10	10	10	10	10	10	7	6	5	4	5	5	6	6	3
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

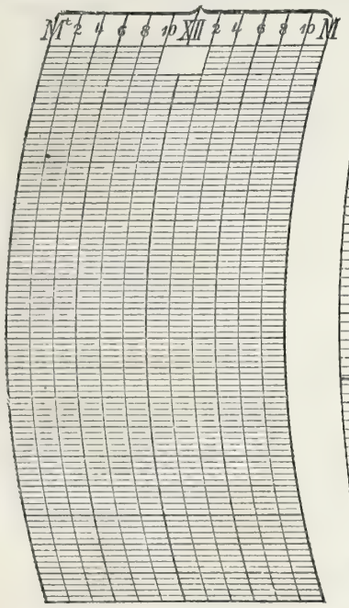
	Maximum.	Minimum.	Mean.	Normal.
	95	75	85	

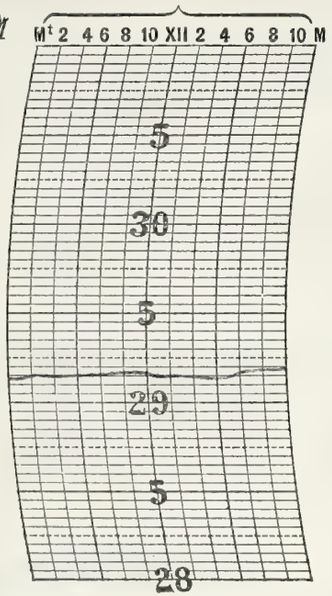
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .02 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 1
Actual sunshine, hours, 12.4
Possible sunshine, hours, 14.4
Percentage of possible sunshine, 86
Prevailing direction E
Total movement, 168
Average hourly velocity, 7.0

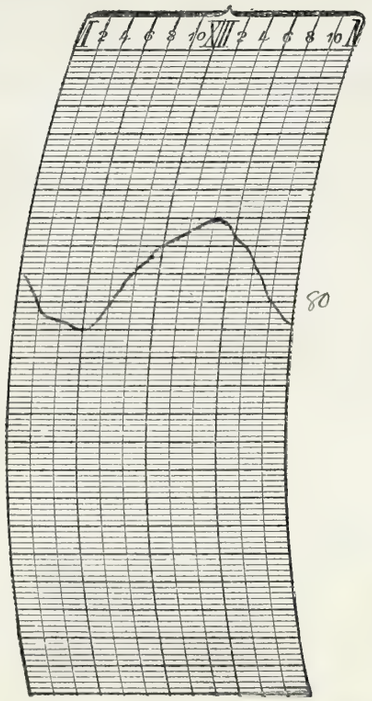
Maximum velocity,	Direction,	Time.
14	NE	10.05a m

Extreme velocity, 14

Relative humidity, 79 a. m. 46 p. m.
Reduced barometer, 30.04 a. m. 30.03 p. m.
River gage, 2.2 ft.







NOTES.

12.15a.m.

Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) JUL 31 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	75	74	72	72	70	69	76	79	82	85	88	93	94	95	96	95	90	75	74	73	73	74	72	70
State of weather. Nature of precipitation and time of beginning and ending																	RB 4.40		RE 6.15	RB 7.05 RE 7.55				
Amounts of precipitation																	T	T	.01	.05				
Cloudiness and other conditions								Clear							Clear				Cloudy					
Sunrise: Time, 4.36 Character, Clear																								
Sunshine (in tenths of hours)					0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0	0	0					
Wind direction	E	E	SE	SE	SE	SE	SE	S	S	S	S	S	S	S	S	S	S	NW	W	SW	S	S	S	S
Wind movement	3	5	2	1	2	3	2	6	7	8	9	9	8	9	8	8	10	11	6	7	1	4	2	5
Maximum velocities (exceeding 24 miles) direction and time																								
Sunset: Time, 6.57 Character, Cloudy																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

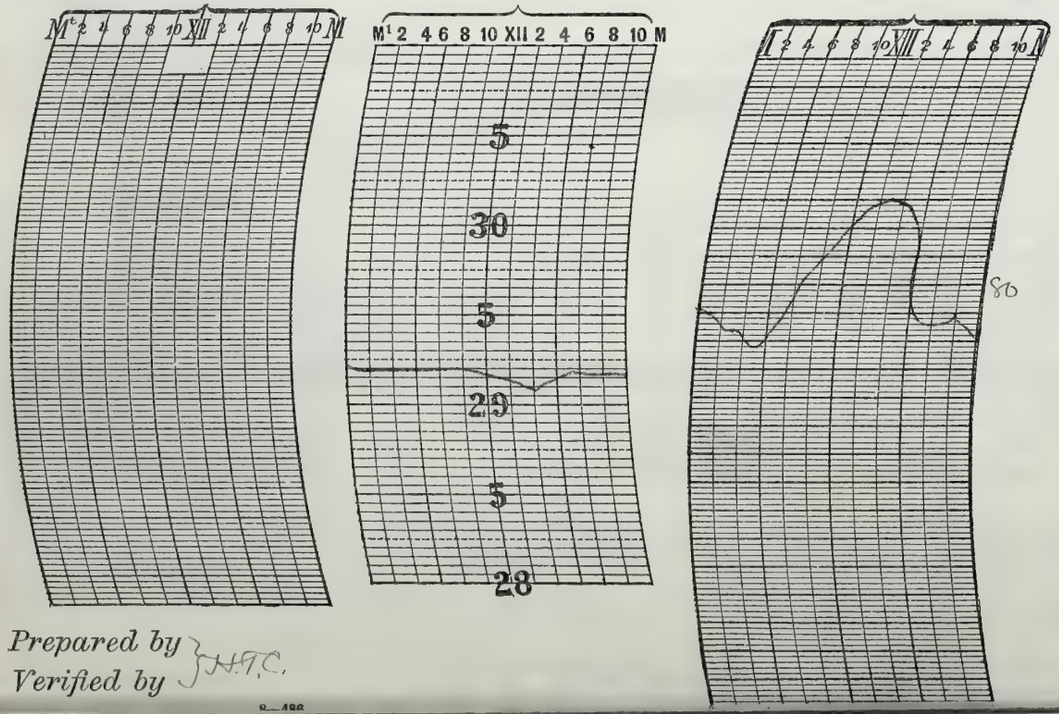
	Maximum.	Minimum.	Mean.	Normal.
	95	69	82	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .06 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10) 4
Actual sunshine, hours, 12.4 11.0
Possible sunshine, hours, 14.4
Percentage of possible sunshine, 76
Prevailing direction S
Total movement, 136
Average hourly velocity, 5.7

Maximum velocity,	Direction,	Time.
24	W	4.50 p.m.

Extreme velocity, 25
Relative humidity, 72 a. m. 89 p. m.
Reduced barometer, 30.09 a. m. 30.03 p. m.
River gage, ~~4.2ft~~ 2.3ft

NOTES.



Prepared by J.H.T.C.
Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) AUG 1 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	70	70	71	67	66	65	69	70	73	75	77	79	80	81	82	82	81	80	78	75	72	70	70	68
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Clear							Clear									
Sunrise: Time, Character, 4.37 Clear					.38	.05													.55 .06		Sunset: Time, Character, 6.57 Clear			
Sunshine (in tenths of hours)					0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4					
Wind direction	NW	NW	NW	NW	N	N	N	NE	NE	NE	N	N	N	N	N	N	N	NW	NW	NW	NW	NW	NW	NW
Wind movement	7	8	13	11	7	5	7	10	9	9	8	9	11	9	10	12	11	10	5	4	4	3	3	2
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

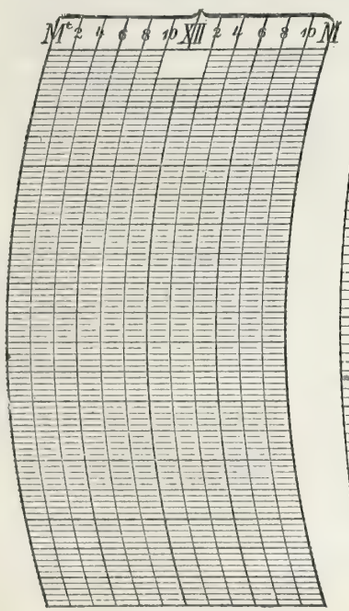
	Maximum.	Minimum.	Mean.	Normal.
	82	65	71	

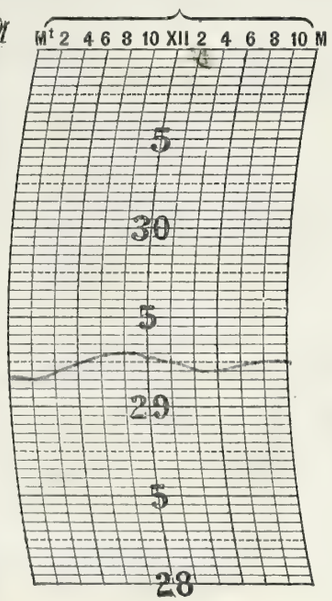
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .05 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10) 0
Actual sunshine, hours, 14.3
Possible sunshine, hours, 14.3
Percentage of possible sunshine, 100
Prevailing direction NW
Total movement, 187
Average hourly velocity, 7.8

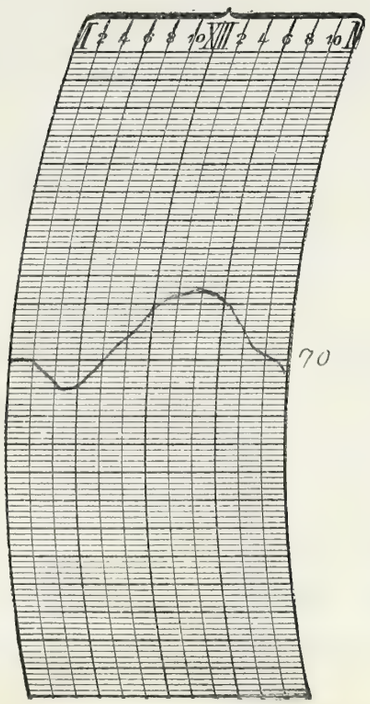
Maximum velocity,	Direction,	Time.
25	NW	3.55 p.m.

Extreme velocity, 17

Relative humidity, 61 a. m. 66 p. m.
Reduced barometer, 30.17 a. m. 30.12 p. m.
River gage, 1.9







NOTES.

Prepared by
Verified by } J.H.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) AUG 2 1913, 191

Time (local standard) 90 mer. — / hours slower than 75th meridian time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	65	65	65	64	64	68	73	76	78	82	82	84	83	85	85	85	83	81	76	73	72	71	70
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						—	Clear	—	—	—	—	—	—	—	Clear,	—	—	—	—	—				
Sunrise: Time, 4.38 Character, Clear																					Sunset: Time, 6.56 Character, Clear			
Sunshine (in tenths of hours)					0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0					
Wind direction	NW	NW	NW	N	N	0	W	W	W	NE	E	S	SW	SW	SW	SW	SW	SW	SW	SW	W	NW	NW	NW
Wind movement	3	2	3	3	1	0	3	3	4	5	3	7	7	8	8	8	8	6	4	4	6	8	5	3
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

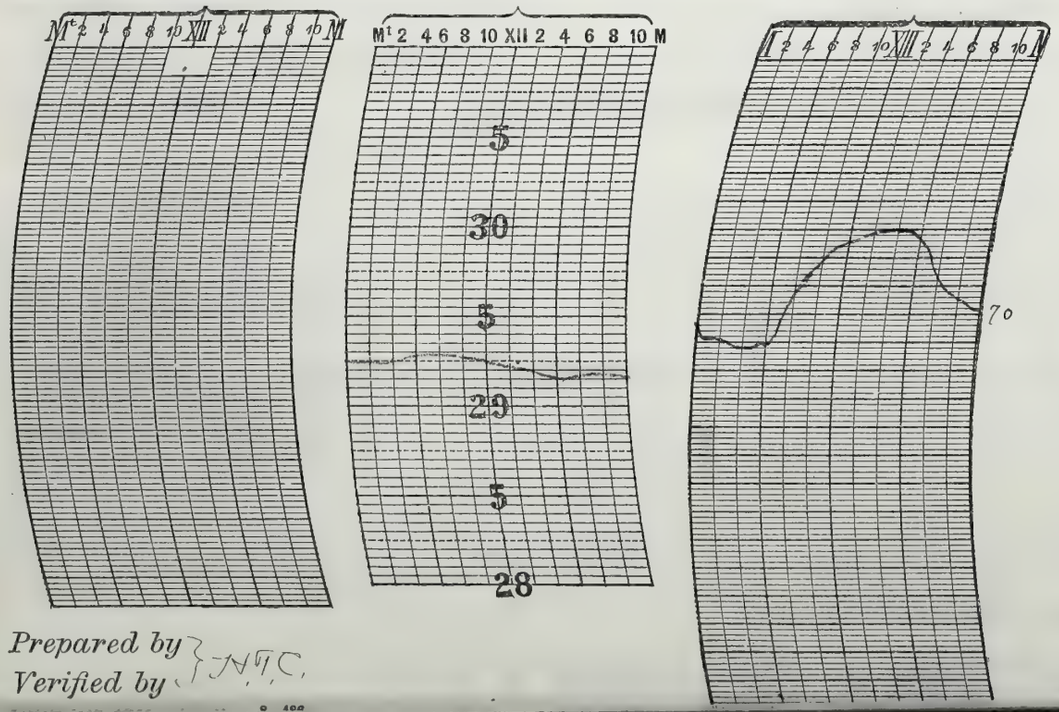
	Maximum.	Minimum.	Mean.	Normal.
	85	64	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, New Moon
Average daily cloudiness (0-10) 0
Actual sunshine, hours, 14.3
Possible sunshine, hours, 14.3
Percentage of possible sunshine, 100
Prevailing direction SW
Total movement, 112
Average hourly velocity, 4.7

Maximum velocity,	Direction,	Time.
11	SW	1.55 p. m

Extreme velocity, 11
Relative humidity, 66 a. m. 58 p. m.
Reduced barometer, 30.19 a. m. 30.05 p. m.
River gage, 1.9 ft.

NOTES.



Prepared by J.N.T.C.
Verified by

Form No. 1014—Met 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) AUG 3 1913, 191

Time (local standard) 90 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	66	64	61	61	62	70	74	79	82	83	85	86	87	88	88	88	85	82	82	80	76	72	69
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear							Clear			× Pt Cldy							
Sunrise: Time, 4.39 Character, Clear					.35	.07															Sunset: Time, 6.55 Character, Cloudy			
Sunshine (in tenths of hours)					0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0					
Wind direction	NW	W	W	W	W	W	W	SW	SW	W	NW	W	SW	SW	SW	SW	SW	SW	SW	W	NW	NW	N	NE
Wind movement	3	2	1	4	3	2	4	5	6	6	6	5	9	11	13	13	15	13	12	7	11	9	14	10
Maximum velocities (exceeding 29 miles) direction and time 1																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
88	61	77	

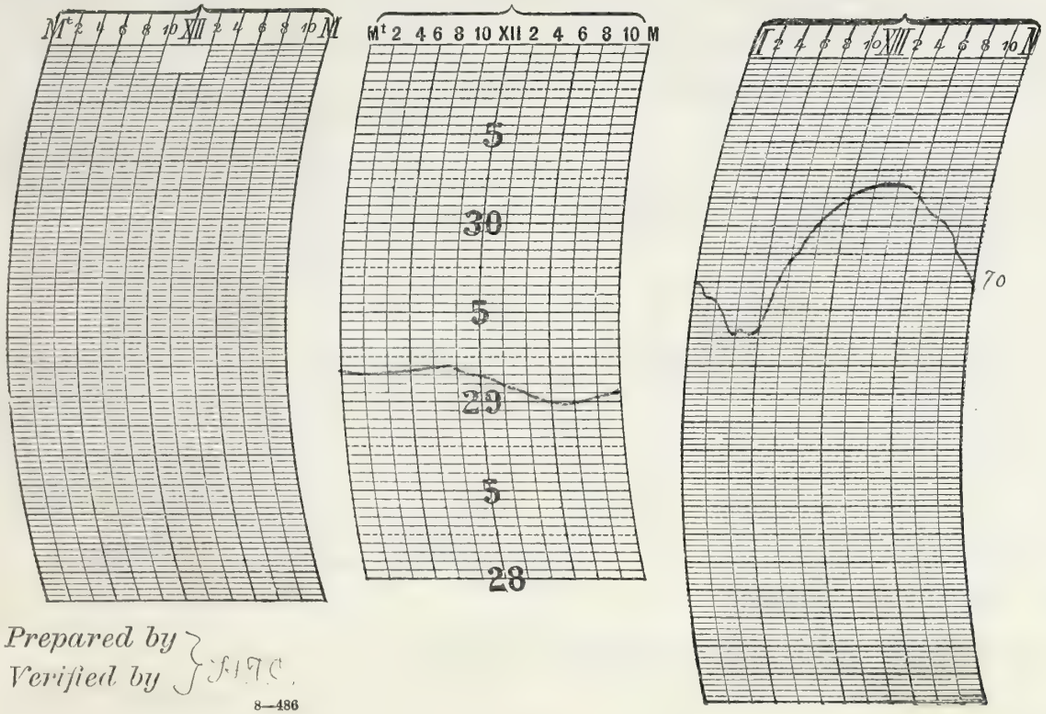
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 1
Actual sunshine, hours, 13.0
Possible sunshine, hours, 13.3 14.3
Percentage of possible sunshine, 91
Prevailing direction SW
Total movement, 186
Average hourly velocity, 7.8

Maximum velocity,	Direction,	Time.
14	NE	10.40 p.m.

Extreme velocity, 14

Relative humidity, 61 a. m. 52 p. m.
Reduced barometer, 30.06 a. m. 29.58 p. m.
River gage, 21 ft

NOTES.



Prepared by
Verified by } J.F.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) AUG 4 1913, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	66	64	62	60	61	64	67	71	73	75	77	78	79	80	81	81	79	76	72	69	65	64	62
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Clear							Clear									
Sunrise: Time, 4.40 Character, Clear																					Sunset: Time, 6.54 Character, Clear			
Sunshine (in tenths of hours)					0.33	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1					
Wind direction	NE	N	N	N	N	N	N	NW	NE	NE	N	N	N	N	N	N	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	9	7	6	8	6	6	10	9	11	11	11	10	10	9	9	8	7	6	5	4	6	6	9	7

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

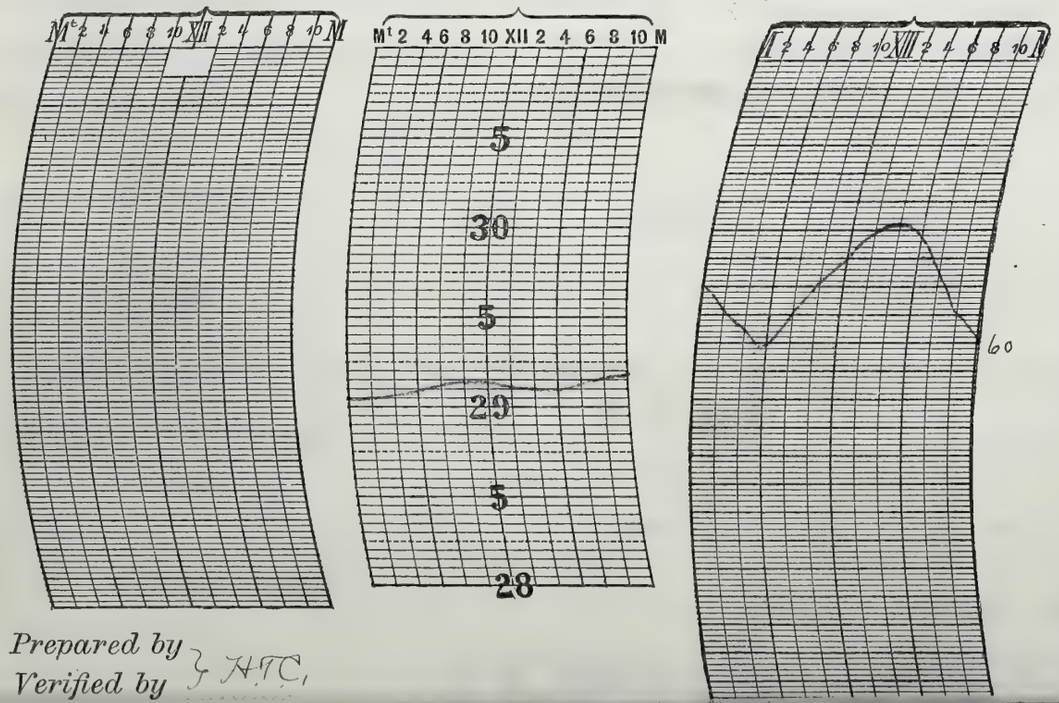
Maximum.	Minimum.	Mean.	Normal.
81	60	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 0
Actual sunshine, hours, 14.2
Possible sunshine, hours, 14.2
Percentage of possible sunshine, 100
Prevailing direction N
Total movement, 190
Average hourly velocity, 7.9

Maximum velocity,	Direction,	Time.
14	NE	10.10 a.m.

Extreme velocity, 25
Relative humidity, 67 a. m. 36 p. m.
Reduced barometer, 30.05 a. m. 30.03 p. m.
River gage, 2.0 ft

NOTES.



Prepared by
Verified by J. H. T.

FORM NO. 1011—REV. 2.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) AUG 5 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	59	58	57	56	57	63	66	70	74	77	78	79	80	82	82	80	78	76	74	74	73	72	71
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear									Clear * Foggy								
Sunrise: Time, 4.41 Character, Clear																					Sunset: Time, 5.53 Character, Cloudy			
Sunshine (in tenths of hours)					0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0	0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	E	SE	SW	SW	SW	SW	W	SW	SW	SW	SW	SW	SW	SW	S	S	S
Wind movement	6	5	5	5	4	3	4	3	4	7	7	6	7	7	7	5	7	8	6	4	4	4	4	2
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

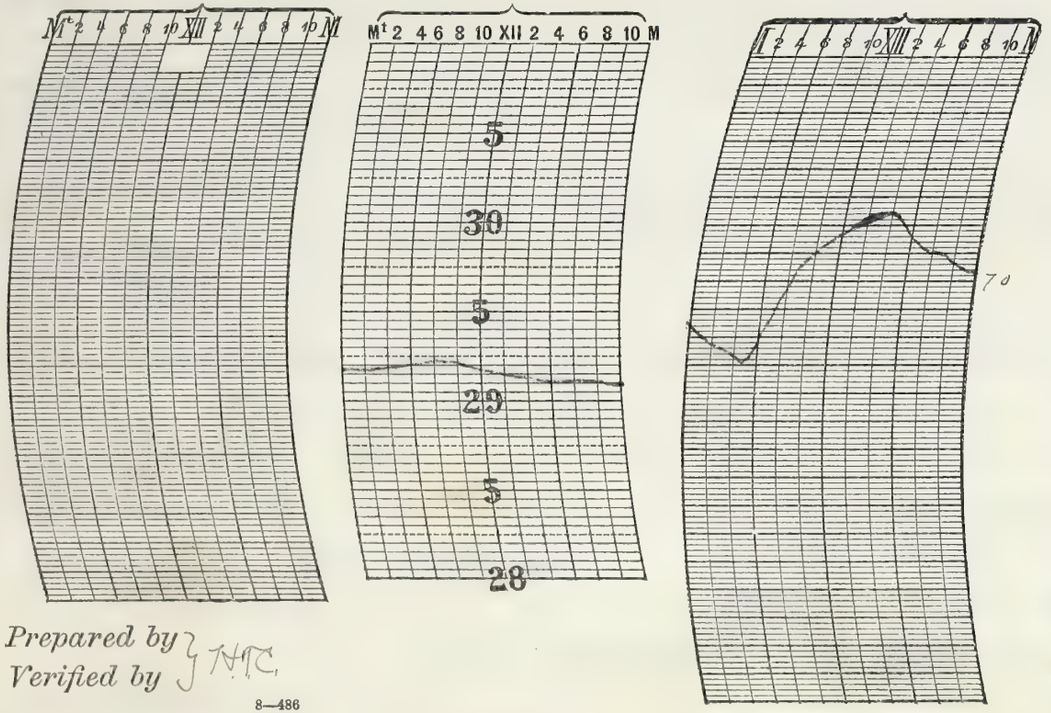
	Maximum.	Minimum.	Mean.	Normal.
	82	56	69	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 1
Actual sunshine, hours, 12.3
Possible sunshine, hours, 14.2
Percentage of possible sunshine, 87
Prevailing direction SW
Total movement, 127
Average hourly velocity, 5.2

Maximum velocity,	Direction,	Time.
1.0	SW	5.57 p. m.

Extreme velocity, 1.0
Relative humidity, 60 a. m. 45 p. m.
Reduced barometer, 30.16 a. m. 30.03 p. m.
River gage, 2.1 ft.

NOTES.



Prepared by
Verified by N.H.C.

8—486

Form No. 1914—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) AUG 6 1913, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	70	69	69	68	68 RB 445	68 RE 6.00	66	67	67	72	78	78	76	76	78	80	77	78	77	75	73	72	73	71
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation					T	T																		
Cloudiness and other conditions					—	—		Cloudy		—	×	—	—	PtCloudy	—									
Sunrise: Time, Character,	4.42 Cloudy																				Sunset: Time, 6.52 Character, Cloudy			
Sunshine (in tenths of hours)				0	0	0	0	0	0	1.0	1.0	1.0	1.0	0.6	1.0	0.6	0.1	0	0					
Wind direction	S	SE	S	SW	SW	SW	W	W	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	NW	NW	N	NW
Wind movement	4	4	3	5	6	9	12	9	7	8	8	7	9	8	6	5	3	4	3	2	2	2	1	2
Maximum velocities (exceeding 29 miles) direction and time 1																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

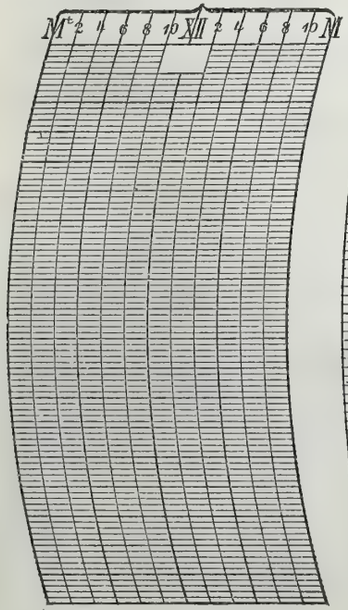
1 hours slower than 75th meridian time.

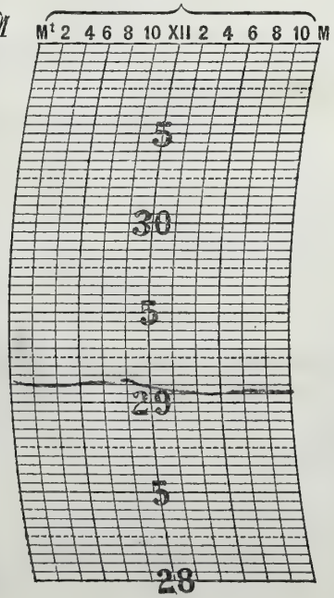
	Maximum.	Minimum.	Mean.	Normal.
	80	66	73	

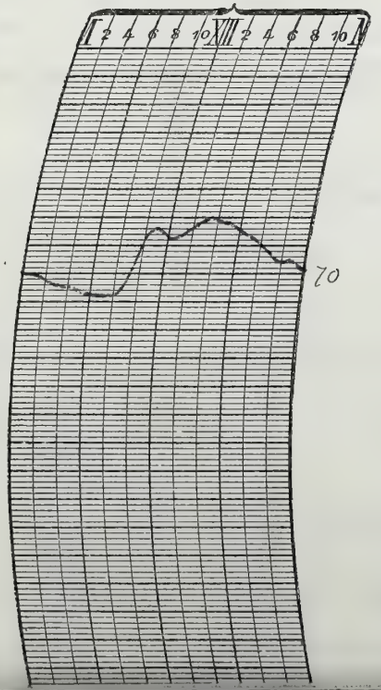
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10) 8
Actual sunshine, hours, 6.3
Possible sunshine, hours, 14.2
Percentage of possible sunshine, 44
Prevailing direction SW
Total movement, 229
Average hourly velocity, 9.54

Maximum velocity,	Direction,	Time.
23	SW	6.39 M

Extreme velocity, 23
Relative humidity, 82 a. m. 65 p. m.
Reduced barometer, 30.03 a. m. 29.98 p. m.
River gage, 2.1 ft







NOTES.

Prepared by
Verified by J. H. C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) AUG 7 1913, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	71	70	70	67	66	66	70	75	78	81	83	85	86	86	86	85	85	83	81	79	77	76	75	75
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Clear					Clear					Cldy						
Sunrise: Time, 443 Character, Clear																					Sunset: Time, 651 Character, Cloudy			
Sunshine (in tenths of hours)					0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0					1
Wind direction	NW	NW	N	S	S	S	NE	NE	NE	E	SE	S	S	S	S	SE	SW	SW	S	S	S	SE	SE	SE
Wind movement	1	2	3	2	2	2	6	4	4	4	4	5	9	8	9	6	11	9	5	6	6	4	7	7
Maximum velocities (exceeding 27 miles) direction and time																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
86	66	76	

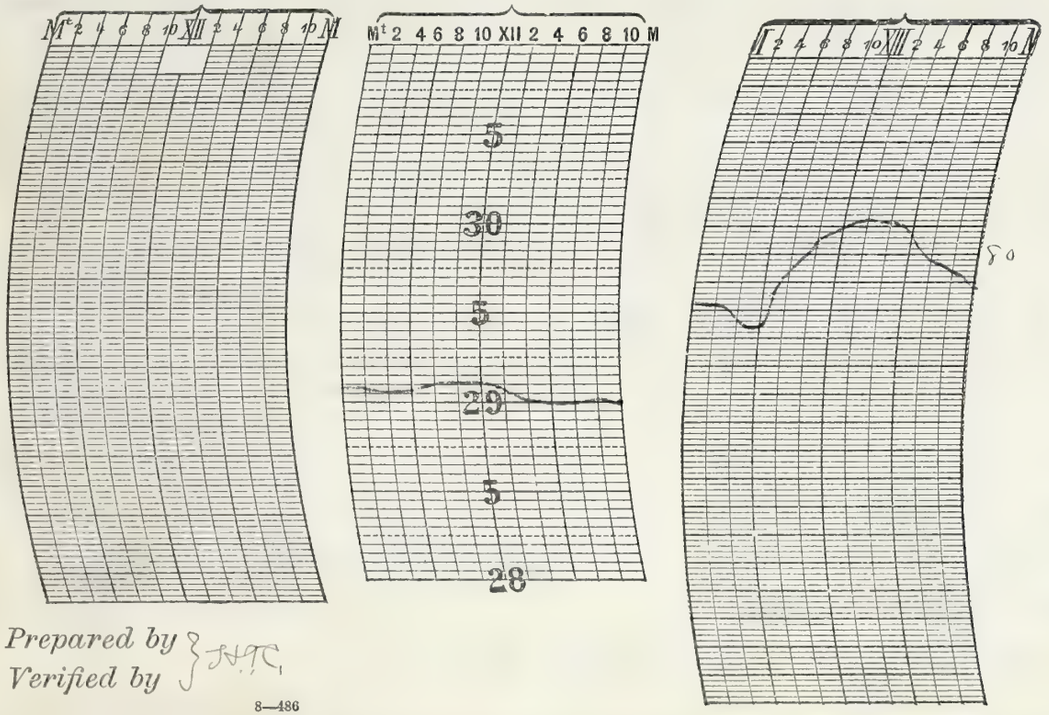
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10) 1
Actual sunshine, hours, 13.1
Possible sunshine, hours, 14.1
Percentage of possible sunshine, 93
Prevailing direction S
Total movement, 126
Average hourly velocity, 5.2

Maximum velocity,	Direction,	Time.
13	SW	12.35 p m

Extreme velocity, 15

Relative humidity, 80 a. m. 64 p. m.
Reduced barometer, 30.01 a. m. 29.98 p. m.
River gage, 9.1 ft

NOTES.



Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) AUG 8 1913, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	73	68	68	67	67	68	69	70	73	79	81	83	84 (86)	84	84	85	85	84	82	81	81	79	78
State of weather: Nature of precipitation and time of beginning and ending		RB PN	RB ~~PN~~				RE 6-35	RB 7.15 RE 7.25																
Amounts of precipitation		.03	.26	.02	.20	.09	.14	T																
Cloudiness and other conditions								Cloudy					×	Pt Cloudy										
Sunrise: Time 4.44, Character Cloudy																					Sunset: Time 6.49, Character Cloudy			
Sunshine (in tenths of hours)				0	0	0	0	0	0.2	0	1.0	1.0	1.0	1.0	1.0	0.1	0.6	0	0					
Wind direction	W	SE	N	N	SE	SE	SE	S	S	S	S	S	SW	SW	SW	S	S	S	S	S	S	S	S	S
Wind movement	4	11	8	6	8	11	16	13	13	15	21	22	25	21	18	16	15	13	12	11	15	15	9	8
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

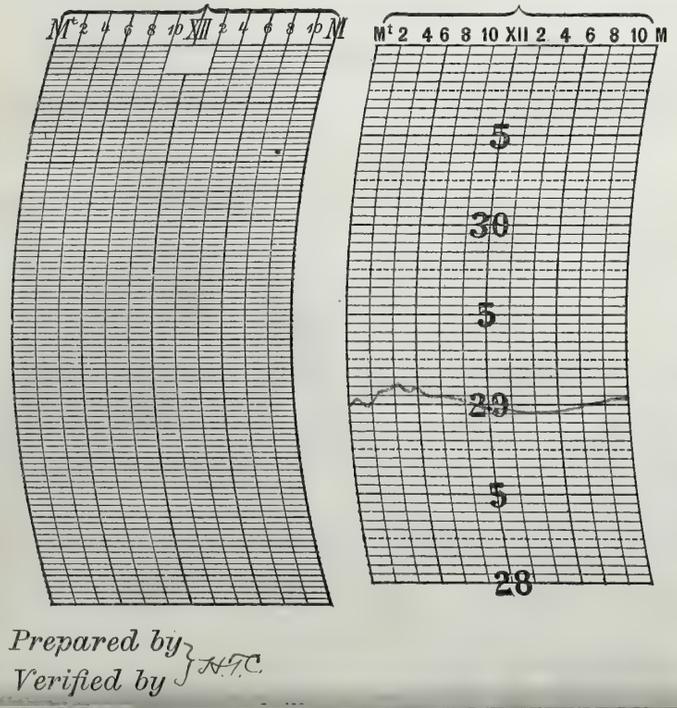
Maximum.	Minimum.	Mean.	Normal.
86	67	72.76	

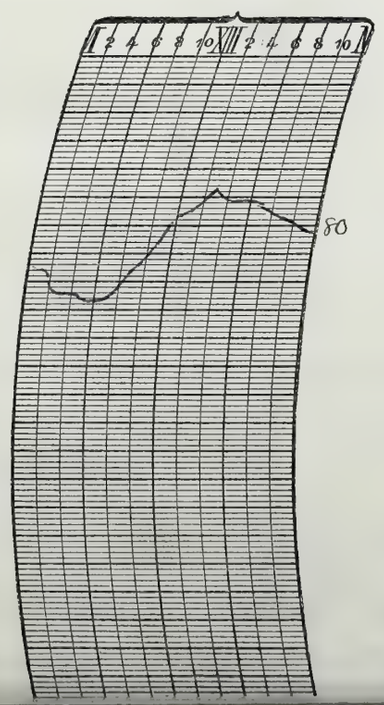
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .74 ins.; to 7 p. m., NT ins.
Total precipitation, midnight to midnight, .74 inches.
Character of day, Cloudy Moon phase, First Quarter
Average daily cloudiness (0–10) 8
Actual sunshine, hours, 5.9
Possible sunshine, hours, 14.1
Percentage of possible sunshine, 42
Prevailing direction S
Total movement, 326
Average hourly velocity, 13.6

Maximum velocity,	Direction,	Time.
26	S	12.25 p.m.

Extreme velocity, 28
Relative humidity, 93 a. m. 70 p. m.
Reduced barometer, 29.97 a. m. 29.87 p. m.
River gage, 2.3 ft.

NOTES.





R 2.00 a.m
R 7.30 a.m.

Prepared by
Verified by } H.P.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) AUG 9 1913, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	77	77	76	75	74	74	77	79	81	84	86	88	89	90	90	90	89	88	87	84	82	81	80	79
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear							Clear										
Sunshine (in tenths of hours)					.27	1.0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.08					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	SW
Wind movement	10	13	10	11	11	12	11	16	16	18	16	17	12	10	7	9	10	9	14	10	11	13	15	17

Sunrise: Time, 4.44; Character, Clear

Sunset: Time, 6.48; Character, Clear

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.
	90	74	82	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 0

Actual sunshine, hours, 14.1

Possible sunshine, hours, 14.1

Percentage of possible sunshine, 100

Prevailing direction SW

Total movement, 300

Average hourly velocity, 12.5

Maximum velocity,	Direction,	Time.
21	SW	9.50 a.m.

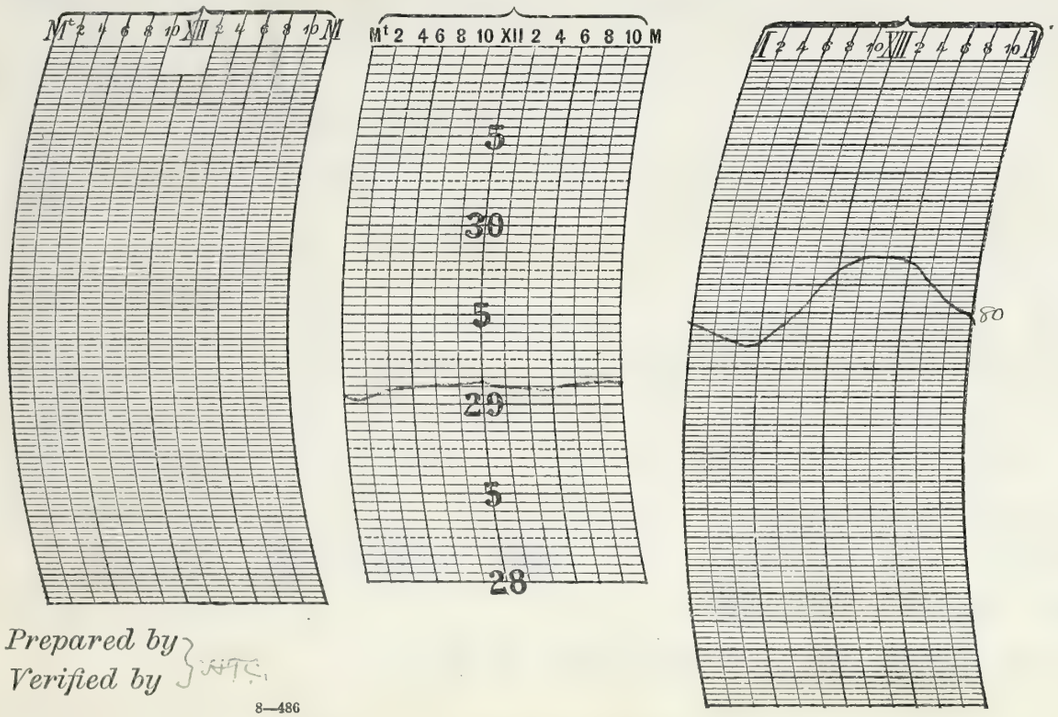
Extreme velocity, 22

Relative humidity, 73 a. m. 60 p. m.

Reduced barometer, 30.00 a. m. 29.98 p. m.

River gage, 2.1 ft

NOTES.



Prepared by

Verified by WTC.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

AUG 10 1913

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) _____, 191

Time (local standard) 90 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	79	76	75	74	73	74	75	76	78	80	81	83	84	83	82	73	70	73	71	71	70	70	68	65
State of weather: Nature of precipitation and time of beginning and ending															RB 2.50		RE 4.20	RB 5.40			TRE 8.50			
State of weather: Amounts of precipitation															T	.49	.06	.02	.17	.05	.02			
State of weather: Cloudiness and other conditions									Clear				PCldy		Cloudy									
Sunrise: Time 4.45, Character Clear																					Sunset: Time 6.47, Character Cloudy			
Sunshine (in tenths of hours)					25 ~~45~~ 0	10 0	0.7 0.3	0.4	0.7	1.0	1.0	1.0	1.0	1.0	0.4	0	0	0	0					
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	NW	NW	S	NW	W	NE	NE	NE	NE
Wind movement	12	10	7	9	10	9	11	10	11	13	15	16	18	16	12	8	2	5	7	3	8	10	14	12
Maximum ~~27~~ 17 velocities (exceeding 25 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

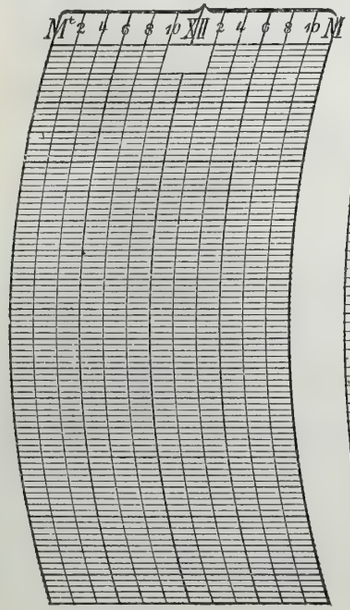
1 hours slower than 75th meridian time.

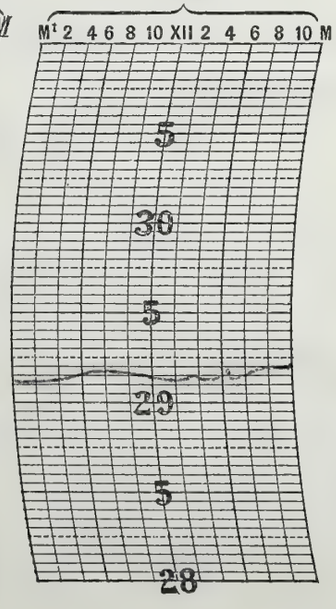
Maximum.	Minimum.	Mean.	Normal.
84	65	74	

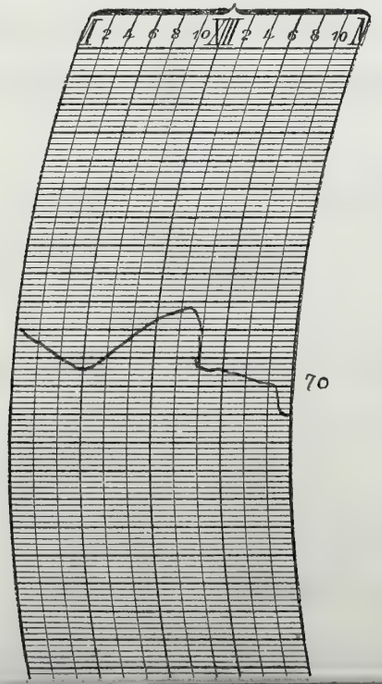
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .14 ins.
Total precipitation, midnight to midnight, .81 inches.
Character of day, Clear Moon phase, _____
Average daily cloudiness (0-10) 3
Actual sunshine, hours, 8.8
Possible sunshine, hours, 14.0
Percentage of possible sunshine, 63
Prevailing direction SW
Total movement, 248
Average hourly velocity, 10.4

Maximum velocity,	Direction,	Time.
17	NW SW	12.20 p.m.

Extreme velocity, 2.0
Relative humidity, 80 a. m. 100 p. m.
Reduced barometer, 30.05 a. m. 30.03 p. m.
River gage, 2.1 ft.







NOTES.

2.45 p.m.
6.40 p.m.

Prepared by
Verified by } J.H.T.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) AUG 11 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	63	63	63	62	62	61	62	63	64	66 RB 9.35	64	64	62	63	63 RE 2.40	63	62 RB 4.40	62	62	62 RE 7.30	62	63	63	63
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation										.10	.21	.15	.12	.03	.01		T.	.01	.01	T				
Cloudiness and other conditions								Cloudy							Cloudy									
Sunrise: Time, 4.47 Character, Cloudy																					Sunset: Time, 6.45 Character, Cloudy			
Sunshine (in tenths of hours)					0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NW	NW	NW	NW	E	E	NE	NE	NE	NE	E	NE	NE	NE	NE	NE
Wind movement	11	11	11	12	11	10	9	10	12	12	11	6	7	7	13	12	11	11	7	6	7	8	7	7
Maximum velocities (exceeding 24 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

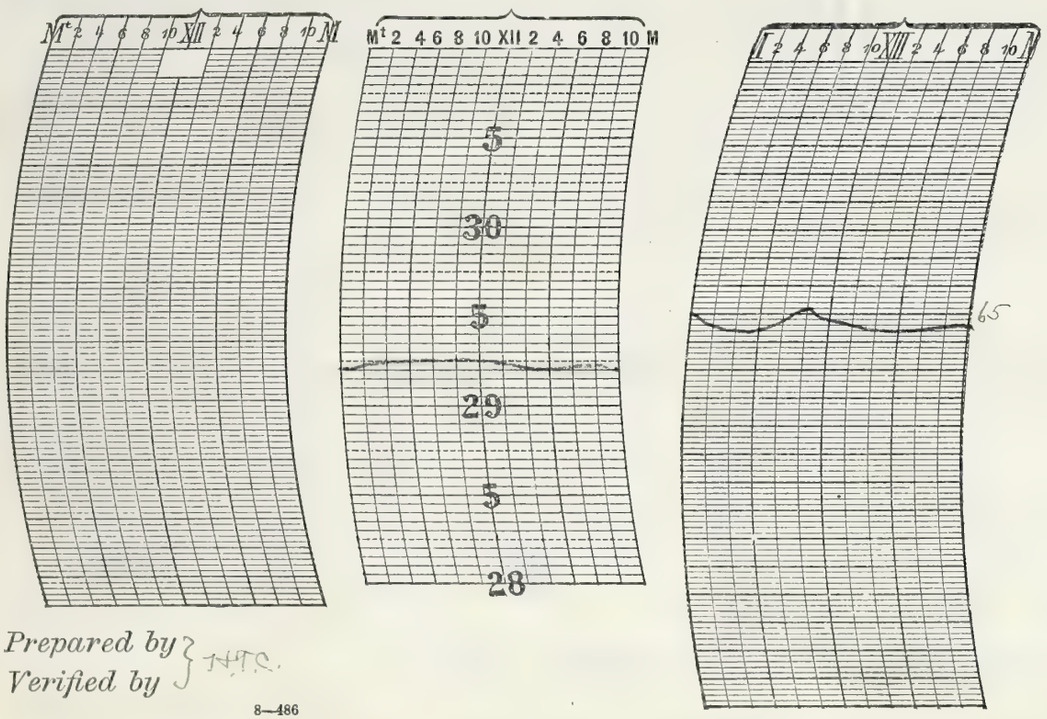
	Maximum.	Minimum.	Mean.	Normal.
	66	61	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .07 ins.; to 7 p. m., .64 ins.
Total precipitation, midnight to midnight, .64 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10) 10
Actual sunshine, hours, 0
Possible sunshine, hours, 14.0
Percentage of possible sunshine, 0
Prevailing direction NE
Total movement, 229
Average hourly velocity, 9.5

Maximum velocity,	Direction,	Time.
16	NE	2.10 p.m.

Extreme velocity, 17
Relative humidity, 85 a. m. 100 p. m.
Reduced barometer, 30.16 a. m. 30.11 p. m.
River gage, 2.5 ft

NOTES.



Prepared by
Verified by } H.T.S.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) AUG 12 1913, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	62	62	62	63	63	64	66	68	71	74	76	78	80	81	82	81	81	80	78	75	74	73	70
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Cloudy																	
Sunrise: Time, 448 Character, Cloudy																					Sunset: Time, 6.44 Character, Clear			
Sunshine (in tenths of hours)				0	0	0	0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1					
Wind direction	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	N	NE	N	N	N	N	NE	SW	SW	SW	SW	SW	NW	NW
Wind movement	6	5	6	6	4	3	6	7	6	6	6	4	6	3	5	5	4	3	2	1	3	4	4	4

Maximum 27 velocities (exceeding 25 miles) direction and time 7

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

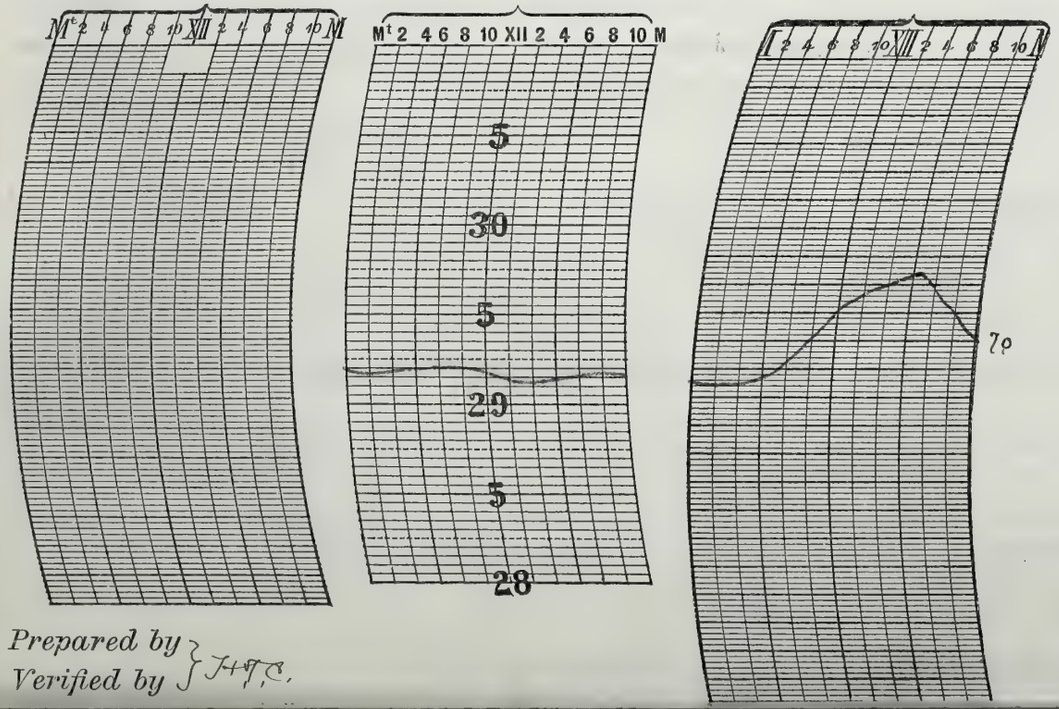
	Maximum.	Minimum.	Mean.	Normal.
	82	62	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., Tr ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 2
Actual sunshine, hours, 11.3
Possible sunshine, hours, 13.9
Percentage of possible sunshine, 81
Prevailing direction NE
Total movement, 111
Average hourly velocity, 4.6

Maximum velocity,	Direction,	Time.
8	NE	9.22 a.m.

Extreme velocity, 8
Relative humidity, 91 a. m. 68 p. m.
Reduced barometer, 30.12 a. m. 30.03 p. m.
River gage, 3.6 ft

NOTES.



Prepared by
Verified by J.H.T.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) AUG 18 1913, 191

Time (local standard), 90 mer. — 1.70 hours slower than 75th meridian time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	69	68	67	67	65	65	68	71	77	78	78	81	82	84	83	84	82	81	80	79	78	77	76	73
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Pt Cloudy								Pt Cloudy										
Sunrise: Time, 4.49 Character, Clear																					Sunset: Time, 6.43 Character, Cloudy			
Sunshine (in tenths of hours)					0	6	2	10	10	10	10	10	10	10	0.3	0.8	0.4	0.4	0					
Wind direction	N	N	O	N	NW	N	N	N	N	NE	NE	NE	NE	SE	SE	E	SW	NW	NW	NW	NW	E	E	E
Wind movement	4	3	0	2	2	3	3	3	4	6	5	6	4	3	6	5	4	5	3	4	5	5	5	2
Maximum velocities (exceeding 24 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

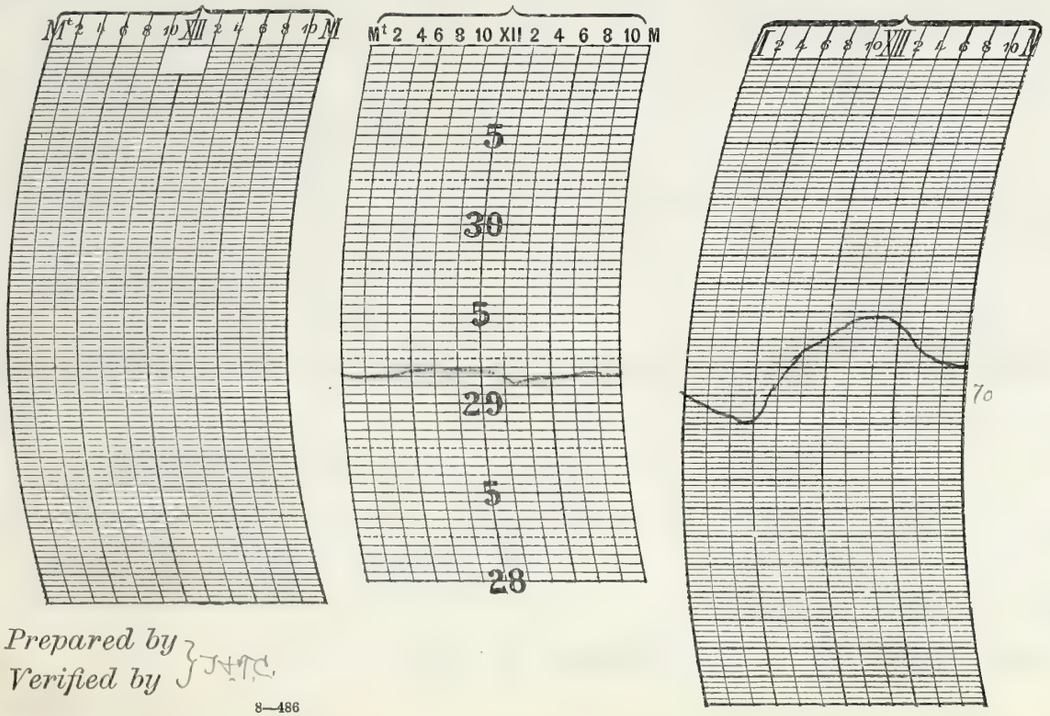
	Maximum.	Minimum.	Mean.	Normal.
	84	65	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt cloudy Moon phase,
Average daily cloudiness (0–10) 8.4
Actual sunshine, hours, 10.5
Possible sunshine, hours, 13.9
Percentage of possible sunshine, 76
Prevailing direction N
Total movement, 92
Average hourly velocity, 3.8

Maximum velocity,	Direction,	Time.
11	SE	1.50 p.m.

Extreme velocity, 11
Relative humidity, 87 a. m. 86 p. m.
Reduced barometer, 30.09 a. m. 30.06 p. m.
River gage, 30 ft

NOTES.



Prepared by
Verified by JHC.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) AUG 14 1913, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	75	74	73	73	72	73	74	76	77	77	76	78	80	81	82	83	81	79	77	76	75	74	72
State of weather: Nature of precipitation and time of beginning and ending													RB 12.15 BE 2.20 T											
Amounts of precipitation																								
Cloudiness and other conditions					—	—	—	Cloudy	—	—	—	—	—	Pt Cloudy	—	—	—	Clear	—	—	—	—	—	—	—
Sunrise: Time 4.50, Character Cloudy																								
Sunshine (in tenths of hours)					0	0	0	0.3	0.1	0	0	0	0.6	1.0	1.0	1.0	1.0	0.4 0.6	0.8 0					
Sunset: Time 6.41, Character Clear																								
Wind direction	E	SE	SE	SE	SE	S	S	SW	SW	SW	SW	SW	SW	S	S	S	S	SW	SW	SW	SW	SW	0	SW
Wind movement	4	5	3	3	3	6	5	7	5	6	7	7	5	6	6	7	5	5	5	4	3	1	0	3
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum. 83 | Minimum. 72 | Mean. 78 | Normal.

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt Cloudy Moon phase,

Average daily cloudiness (0-10) 6

Actual sunshine, hours, 6.1

Possible sunshine, hours, 13.8

Percentage of possible sunshine, 44

Prevailing direction SW

Total movement, 111

Average hourly velocity, 4.6

Maximum velocity, 10 Direction, SW Time, 10.50 a.m.

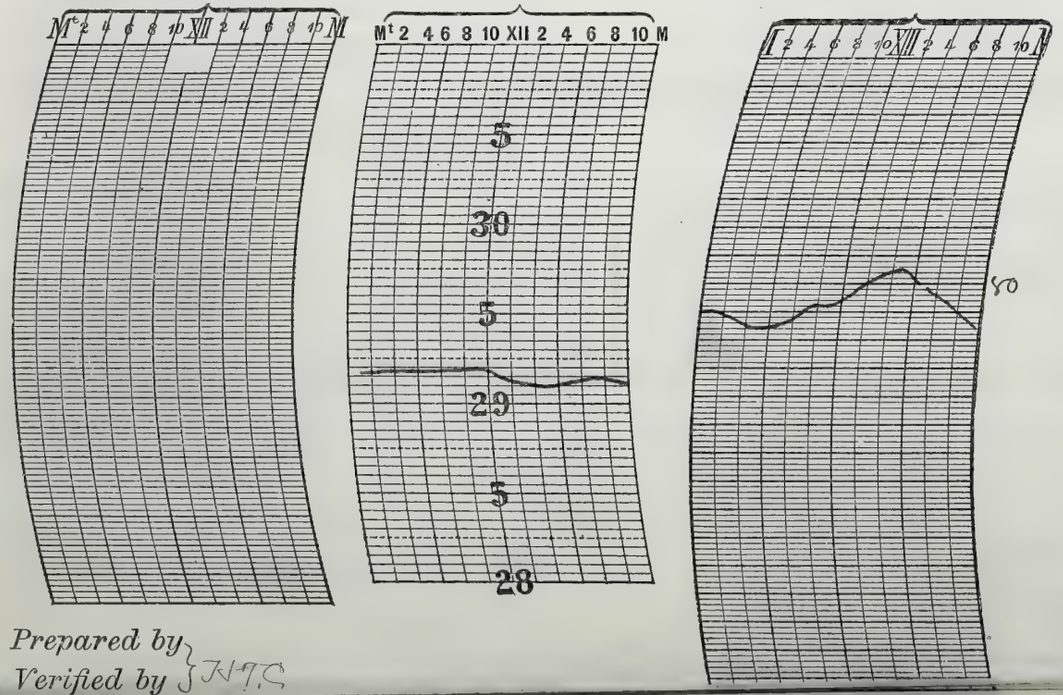
Extreme velocity, 10

Relative humidity, 86 a. m. 77 p. m.

Reduced barometer, 30.07 a. m. 30.01 p. m.

River gage, 2.6 ft

NOTES.



Prepared by

Verified by JNTC

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) AUG 15 1913, 191

Time (local standard), 29 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	71	71	70	69	70	71	72	72	73	74	80	81	83	86	87	85	82	80	78	77	76	75	74
							RB 6.55				RE 0.20									RB 7.02 RE 7.53				
State of weather: Nature of precipitation and time of beginning and ending							T	T	0.1	.07	.01									.05				
Amounts of precipitation																								
Cloudiness and other conditions								Cloudy			X		Pt Cloudy											
Sunrise: Time, 4.51 Character, Cloudy																					Sunset: Time, 6.40 Character, Cloudy			
Sunshine (in tenths of hours)					0	0	0	0	0	0	0.5	1.0	0.5	1.0	1.0	1.0	1.0	0.1	0					
Wind direction	SW	SW	SW	S	S	S	SE	SE	E	E	SE	S	SE	S	S	S	S	SE	S	SE	S	S	SE	SE
Wind movement	3	1	2	3	2	3	3	2	4	2	6	5	6	6	6	2	4	4	6	7	2	3	2	4
Maximum velocities (exceeding 70 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

/ hours slower than 75th meridian time.

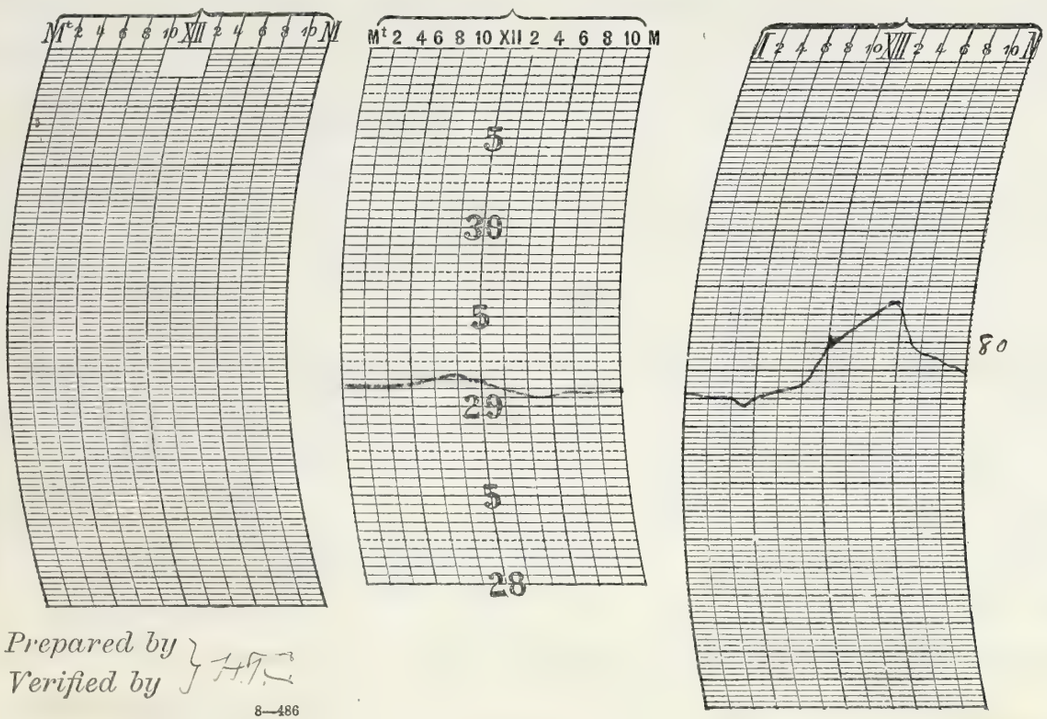
	Maximum.	Minimum.	Mean.	Normal.
	87	69	78	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 09 ins.
Total precipitation, midnight to midnight, .14 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10) 7
Actual sunshine, hours, 6.1
Possible sunshine, hours, 13.8
Percentage of possible sunshine, 44
Prevailing direction S
Total movement, 88
Average hourly velocity, 3.7

Maximum velocity,	Direction,	Time.
10	NE	6.58 p.m.

Extreme velocity, 10
Relative humidity, 95 a. m. 72 p. m.
Reduced barometer, 30.04 a. m. 30.00 p. m.
River gage, 2.5 ft.

NOTES.



Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) AUG 16 1913, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	74	74	74	73	72	70	74	79	85	88	89	90	91	92	93	94	92	86	82	80	78	78	77	77
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						—	—	R	Cloudy	—	—	—		R	Cloudy	—	—	—	—	—	—	—	—	—
Sunrise: Time, 4.52 Character, Cloudy																					Sunset: Time, 6.37 Character, Cloudy			
Sunshine (in tenths of hours)					0	0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.8	0	0				
Wind direction	S	S	S	S	S	SE	SE	S	S	S	SW	SW	W	W	W	W	N	N	NE	NE	SE	NE	NE	E
Wind movement	3	2	2	2	2	1	2	4	2	3	6	4	6	5	6	6	8	7	5	3	7	2	2	3
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

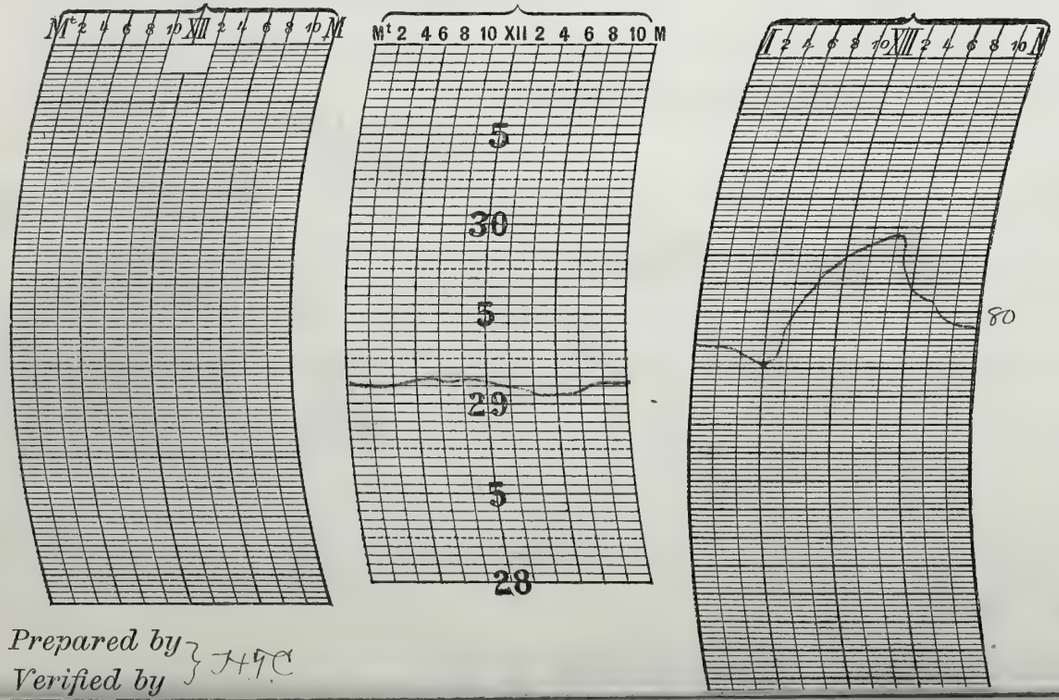
Maximum.	Minimum.	Mean.	Normal.
94	70	82	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, R Cloudy Moon phase, Full Moon
Average daily cloudiness (0–10) 7.4
Actual sunshine, hours, 10.0
Possible sunshine, hours, 13.8
Percentage of possible sunshine, 72
Prevailing direction S
Total movement, 93
Average hourly velocity, 3.9

Maximum velocity,	Direction,	Time.
12	NE	8.00 p.m.

Extreme velocity, 12

Relative humidity, 85 a. m. 65 p. m.
Reduced barometer, 30.03 a. m. 29.96 p. m.
River gage, 2.5 ft.



NOTES.

Prepared by
Verified by } H.P.C

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind. , (Day of week) Sunday , (Date) AUG 17 1913 , 191

Time (local standard) 90 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	76	75	75	74	73	73	75	79	83	86	86	87	89	90	90	91	93	90	83	78	78	77	77	77
State of weather: Nature of precipitation and time of beginning and ending																			TR 6.05 RE 6.25					
Amounts of precipitation																			T					
Cloudiness and other conditions						Cloudy *			Clear						Clear *			Cloudy						
Sunrise: Time, Character,	4.53 Cloudy																							
Sunset: Time, Character,																					6.37 Cloudy			
Sunshine (in tenths of hours)				9	0	0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0				
Wind direction	E	E	SE	SE	0	SE	S	S	SW	NW	N	NE	E	NE	NE	NE	SW	SW	NW	NE	N	SE	S	S
Wind movement	1	2	2	1	0	2	3	5	5	8	11	8	6	6	5	5	3	3	7	8	5	4	6	4
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
93	73	83	

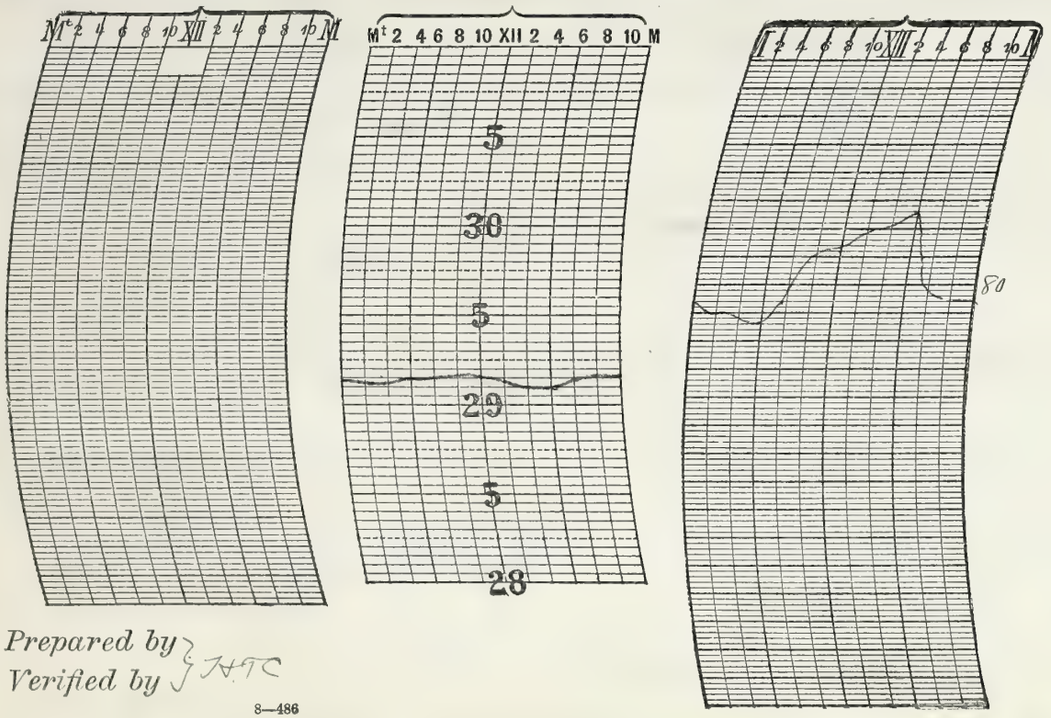
Total depth of snow for 24 hours ending 7 p. m., 0 inche
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10) 3
Actual sunshine, hours, 10.8
Possible sunshine, hours, 13.7
Percentage of possible sunshine, 79
Prevailing direction NE
Total movement, 110
Average hourly velocity, 4.6

Maximum velocity,	Direction,	Time.
24	NE	6.58 p.m.

Extreme velocity, 24

Relative humidity, 78 a. m. 70 p. m.
Reduced barometer, 30.05 a. m. 30.00 p. m.
River gage, 2.4 ft.

NOTES.



B 5.45 p.m
B 11.00 p.m.

Prepared by
Verified by JATC

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) AUG 18 1913, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	12-1 A.M.	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1 P.M.	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75 RB DN	74	74 RE DN	73	73	72	74	77	79	82	84	86	82 RB 12.20 RE 12.40 T	79	76	80	88	80	78	76	75	74	74	73
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation	T	.04	.01																					
Cloudiness and other conditions							Pt Cloudy							Pt Cloudy										
Sunrise: Time 4.54, Character Cloudy																					Sunset: Time 6.36, Character Cloudy			
Sunshine (in tenths of hours)				7	0	0	0.1	1.0	1.0	1.0	1.0	0.6	0	0	0.7	1.0	0.4	0	0					
Wind direction	N	SW	NE	N	NE	NE	NE	NE	E	NE	NE	NE	SW	S	S	NW	NW	E	E	E	N	N	NE	NE
Wind movement	5	4	3	4	4	5	4	6	4	4	4	5	9	8	3	3	4	7	4	2	3	2	3	3

Maximum 29 velocities (exceeding — miles) direction and time

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

	Maximum.	Minimum.	Mean.	Normal.
	88	72	80	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .05 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .05 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10) 5
Actual sunshine, hours, 6.8
Possible sunshine, hours, 13.7
Percentage of possible sunshine, 50
Prevailing direction NE
Total movement, 103
Average hourly velocity, 4.3

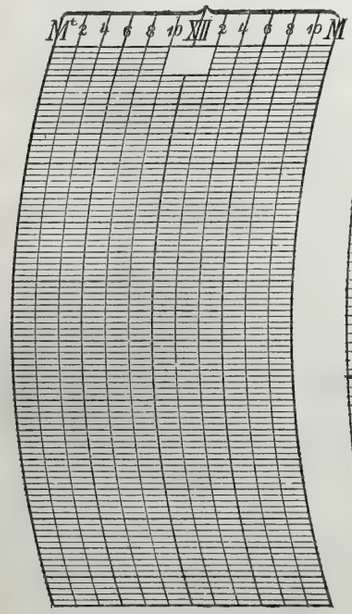
Maximum velocity,	Direction,	Time.
15	SW	12.50 p.m.

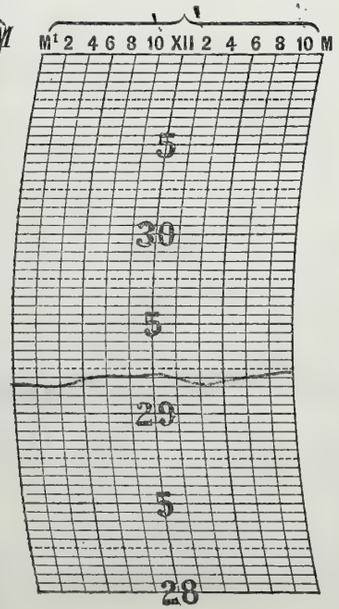
Extreme velocity, 15

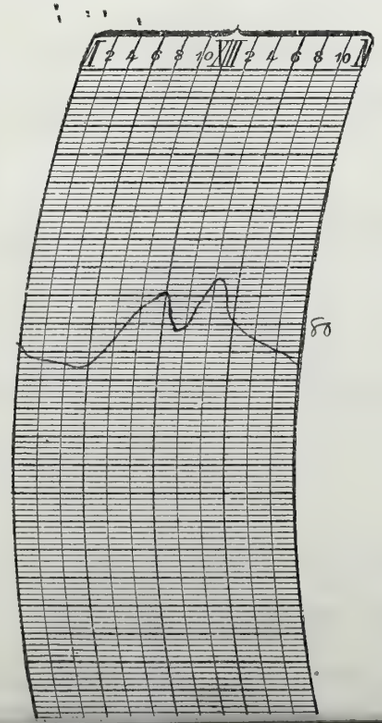
Relative humidity, 89 a. m. 77 p. m.
Reduced barometer, 30.09 a. m. 30.01 p. m.
River gage, 2.4 ft.

NOTES.

RB 11.40 a.m.







Prepared by
Verified by HTC

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) AUG 19 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	73	74	72	71	71	70	72	74	75	79	80	82	83	84	84	82	81	77	74	72	70	69	68	67
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Pt Cloudy					Clear					Cldy						
Sunrise: Time, Character	4.55 Cloudy																				Sunset: Time, Character	6.34 Cloudy		
Sunshine (in tenths of hours)					0	0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	4	5	7	8	9	7	8	9	10	9	11	10	15	14	14	14	16	16	14	12	11	12	11	9
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

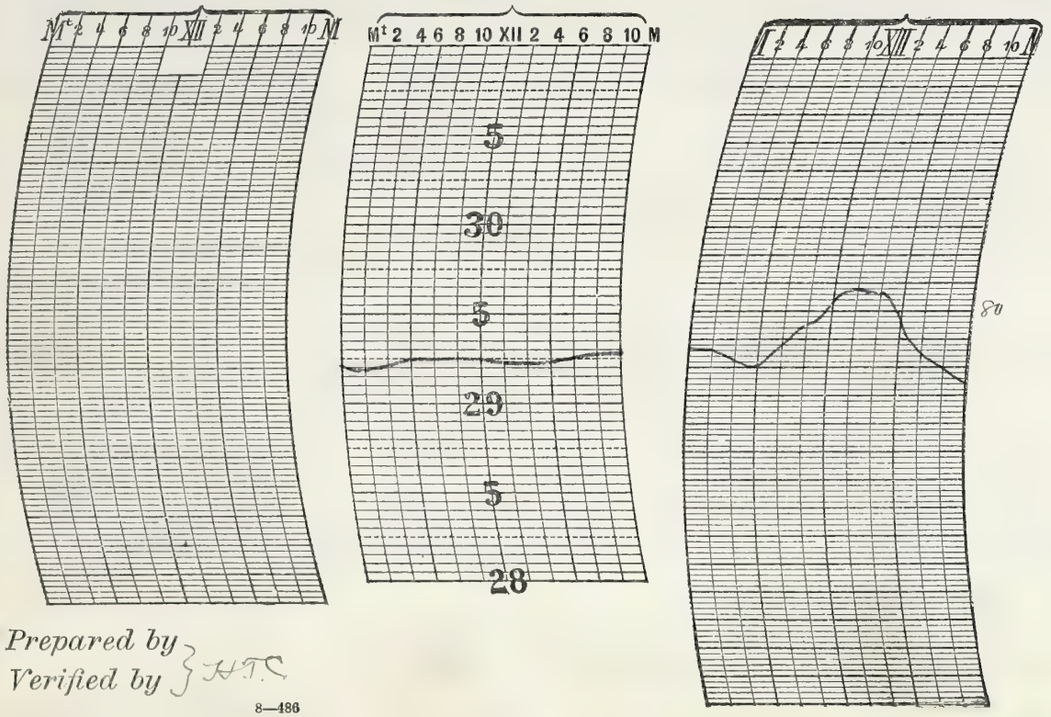
	Maximum.	Minimum.	Mean.	Normal.
	84	67	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 inches.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10) 3
Actual sunshine, hours, 10.5
Possible sunshine, hours, 13.6
Percentage of possible sunshine, 77
Prevailing direction NE
Total movement, 255
Average hourly velocity, 10.6

	Maximum velocity,	Direction,	Time.
Extreme velocity,	20	NE	4.35 p.m.

Relative humidity, 76 a. m. 64 p. m.
Reduced barometer, 30.15 a. m. 30.16 p. m.
River gage, 2.3 ft

NOTES.



Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) AUG 20 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	65	64	64	63	62	64	67	70	74	78	83	85	88	88	88	88	87	83	80	78	77	77	76
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Clear								Clear											
Sunrise: Time, 4.56 Character, Clear																					Sunset: Time, 6.33 Character, Clear			
Sunshine (in tenths of hours)					0	0	0.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.2	0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	E	NE	E	E	E	E	E	E	SE	SE	E	E	E	E	SE	SE
Wind movement	10	10	11	10	9	9	9	8	7	6	5	6	6	7	7	6	5	3	3	5	5	5	6	5
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

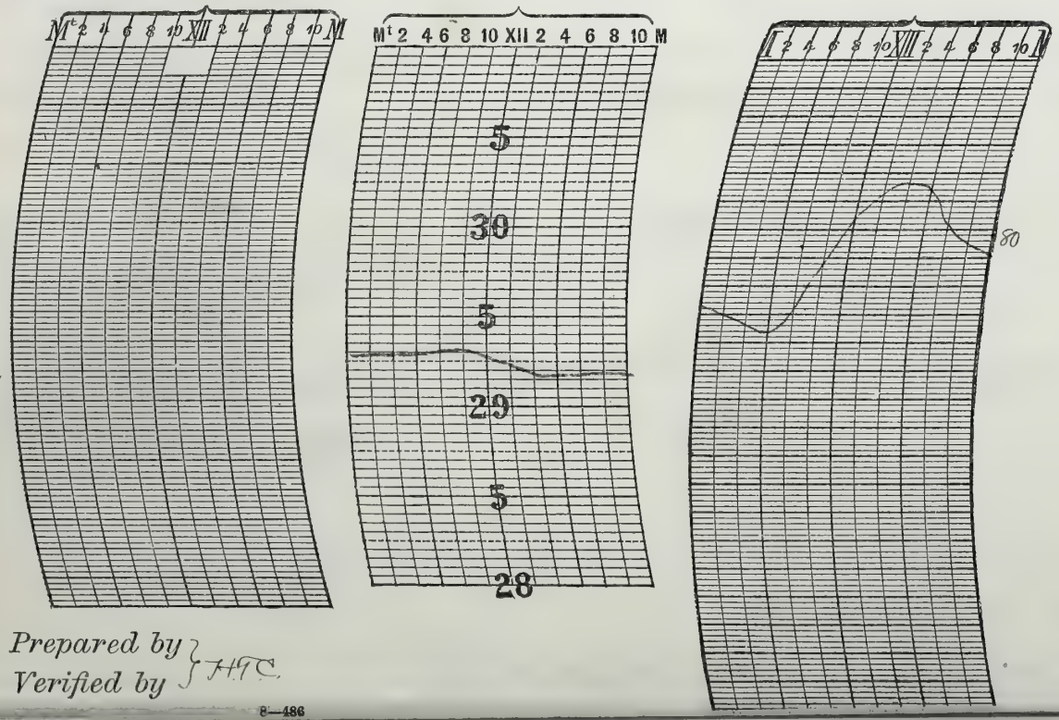
	Maximum.	Minimum.	Mean.	Normal.
	88	62	75	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 0
Actual sunshine, hours, 13.6
Possible sunshine, hours, 13.6
Percentage of possible sunshine, 100
Prevailing direction E
Total movement, 163
Average hourly velocity, 6.8

Maximum velocity,	Direction,	Time.
13	NE	2.50 p. m.

Extreme velocity, 13
Relative humidity, 79 a. m. 66 p. m.
Reduced barometer, 30.21 a. m. 30.10 p. m.
River gage, 2.3 ft.

NOTES.



Prepared by
Verified by JHTC

8—486

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) AUG 21 1913, 191

Time (local standard), 90 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	75	74	73	72	71	70	72	75	78	80	82	85	83 RB 12.55	76 RE 1.35	75	78	77	77	77	77	76	75 RB 9.40	71	68
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation													T	.12								.02	.01	.33
Cloudiness and other conditions								Clear					×	Cloudy										
Sunrise: Time, Character,	4.57 Clear																							
Sunset: Time, Character,																					6.31 Cloudy			
Sunshine (in tenths of hours)					0	0	0.3	1.0	1.0	1.0	1.0	1.0	0	0	0.6	0.5	0.3	0	0					0
Wind direction	SE	SE	SE	S	S	S	S	SW	SW	SW	SW	SW	W	N	SE	S	S	SW	SW	SW	SW	SW	SW	SW
Wind movement	7	5	6	6	5	8	10	10	10	11	9	12	8	5	8	11	12	8	10	11	12	12	11	7
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

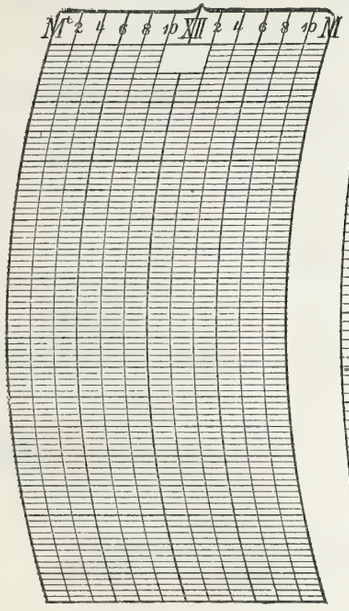
	Maximum.	Minimum.	Mean.	Normal.
	85	1168	76	

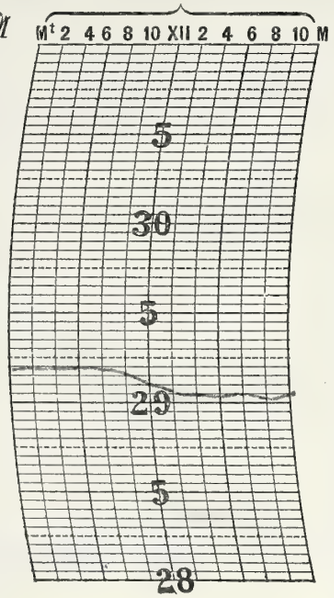
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0.56 ins.; to 7 p. m., 1.12 ins.
Total precipitation, midnight to midnight, 1.48 inches.
Character of day, P.Cloudy Moon phase,
Average daily cloudiness (0-10) 6
Actual sunshine, hours, 8.4
Possible sunshine, hours, 13.6
Percentage of possible sunshine, 62
Prevailing direction SW
Total movement, 214
Average hourly velocity, 8.9

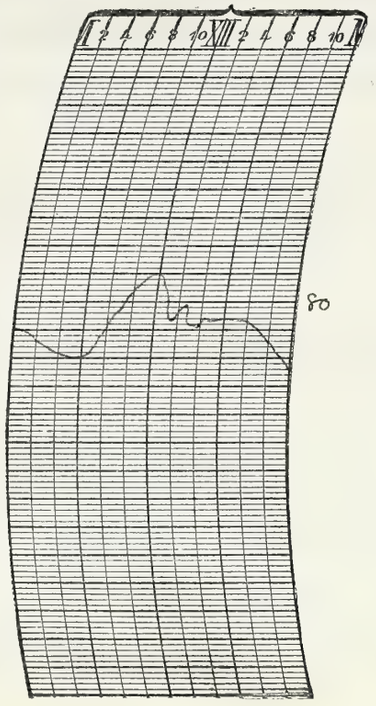
Maximum velocity,	Direction,	Time.
15	S	2.42 p.m.

Extreme velocity, 15

Relative humidity, 84 a. m. 85 p. m.
Reduced barometer, 30.07 a. m. 29.93 p. m.
River gage, 2.5 ft







NOTES.

12.40 p.m. severe northwest of station
9.40 p.m. severe.

Prepared by
Verified by } J.H.T.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) AUG 22 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	67	67 RE DN	67	68	68	70	71	71	71	72	74	74	75	74	73	72	71	69	67	65	63	61	60	58
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation	.16	.04																						
Cloudiness and other conditions					Partly Cloudy				Clear					Clear										
Sunrise: Time 4.58 Character Cloudy																					Sunset: Time 6.30 Character Clear			
Sunshine (in tenths of hours)					0	0	0.4	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.8	0					
Wind direction	W	S	SW	SW	SW	SW	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	6	5	8	9	11	9	9	12	14	17	17	17	19	17	18	19	17	15	10	8	10	8	8	7
Maximum velocities (exceeding 29 miles) direction and time 29																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	75	58	66	

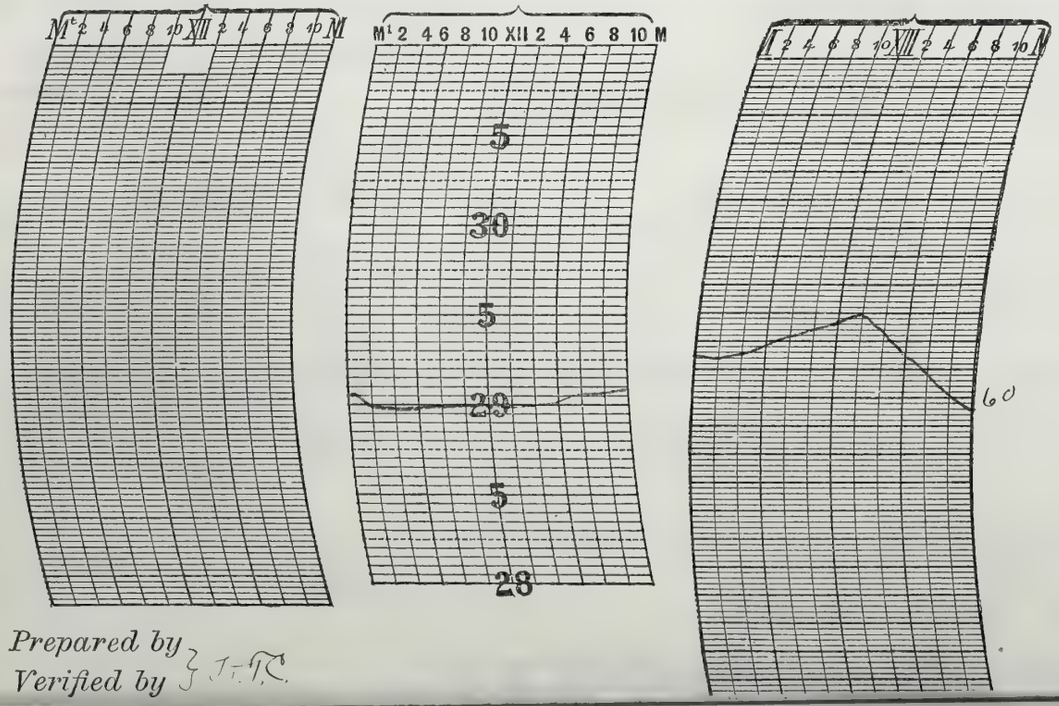
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .56 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .20 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10) 2
Actual sunshine, hours, 11.5
Possible sunshine, hours, 13.5
Percentage of possible sunshine, 85
Prevailing direction NW
Total movement, 290
Average hourly velocity, 12.1

Maximum velocity,	Direction,	Time.
24	NW	12.15 p.m.

Extreme velocity, 25

Relative humidity, 88 a. m. 60 p. m.
Reduced barometer, 29.85 a. m. 29.94 p. m.
River gage, 3.8 ft

NOTES.



Prepared by
Verified by J. T. R.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) AUG 23 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	58	58	57	57	57	58	58	58	59	60	62	67	67	70	71	72	72	70	68	65	64	61	60	58
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					—	Cloudy		—	×				Pt Cloudy				—	Clear						
Sunrise: Time, 4.59 Character, Cloudy																					Sunset: Time, 6.28 Character, Clear			
Sunshine (in tenths of hours)				0	0	0	0	0	0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0					
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	9	7	9	10	8	7	7	8	7	4	4	4	7	7	7	6	7	5	7	6	3	4	3	3
Maximum velocities (exceeding 29 miles) direction and time																								

0.2 .47

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	72	57	64	

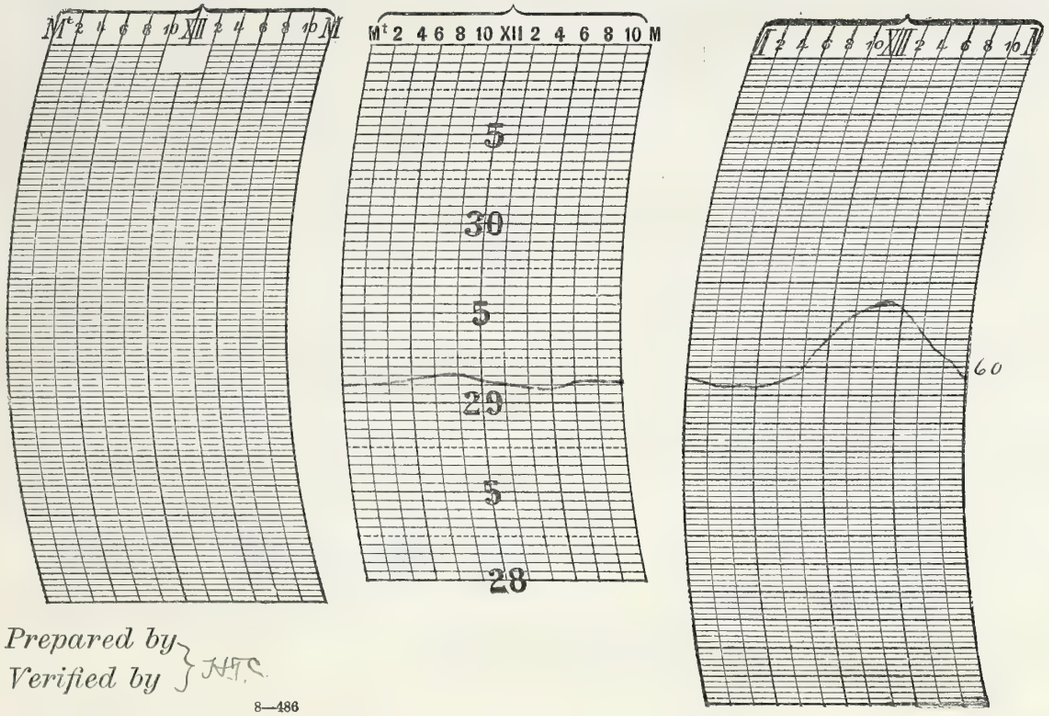
Total depth of snow for 24 hours ending 7 p. m., 0 inches
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0–10) 6
Actual sunshine, hours, 8.5
Possible sunshine, hours, 13.5
Percentage of possible sunshine, 63
Prevailing direction NW
Total movement, 149
Average hourly velocity, 6.2

Maximum velocity,	Direction,	Time.
11	NW	4 00 a.m.

Extreme velocity, 11

Relative humidity, 81 a. m. 67 p. m.
Reduced barometer, 30.03 a. m. 30.00 p. m.
River gage, 5.8 ft

NOTES.



Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) AUG 24 1913, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	55	54	54	53	53	58	62	68	72	75	77	78	78	78	78	77	76	70	68	65	63	61	59
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Clear								Clear										
Sunrise: Time, Character,	5.00 Clear																							
Sunshine (in tenths of hours)					X	0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0					
Wind direction	NW	W	W	W	W	W	W	W	W	NW	NW	NW	NW	NW	N	N	N	N	NW	NW	NW	NW	NW	N
Wind movement	4	6	5	6	6	6	6	7	9	9	9	11	13	11	14	11	11	8	8	7	6	6	4	4
Maximum velocities (exceeding 24 miles) direction and time																								
Sunset: Time, Character,																		0.1	.45		6.27 Clear			

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	78	53	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, Last Quarter
Average daily cloudiness (0–10) 0
Actual sunshine, hours, 13.4
Possible sunshine, hours, 13.4
Percentage of possible sunshine, 100
Prevailing direction NW
Total movement, 187
Average hourly velocity, 7.8

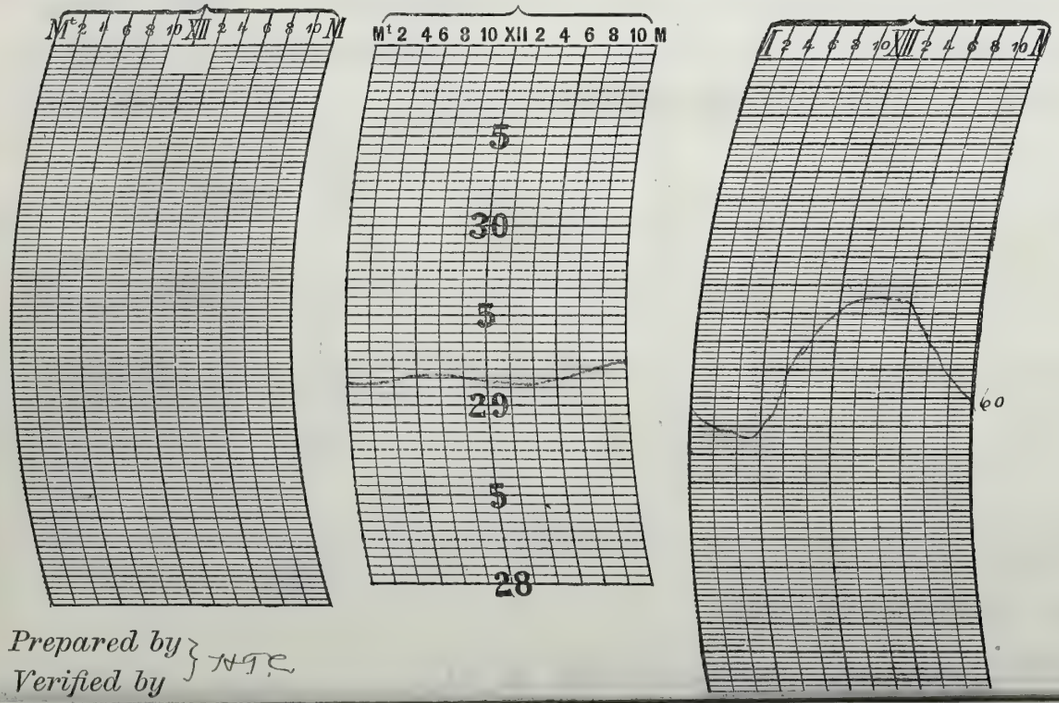
Maximum velocity,	Direction,	Time.
16	N	2.25 p.m.

Extreme velocity, 18

	a. m.	p. m.
Relative humidity,	86	52
Reduced barometer,	30.06	30.06

River gage, 5.8 ft.

NOTES.



Prepared by NTC
Verified by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) AUG 25 1913, 191

Time (local standard) 90 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	56	54	53	52	51	56	59	65	71	74	77	79	79	80	81	81	80	76	73	71	70	69	67
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear								Clear									
Sunrise: Time 5.00, Character Clear																					Sunset: Time 6.25, Character Clear			
Sunshine (in tenths of hours)						10 0	10 2.9	10	10	10	10	10	10	10	10	10	10	0.4 0.6	0.2 0					
Wind direction	N	N	N	N	NE	NE	E	SE	SE	S	S	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S
Wind movement	4	4	6	6	6	5	6	3	4	6	6	6	7	8	7	8	8	6	4	1	8	9	9	8
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

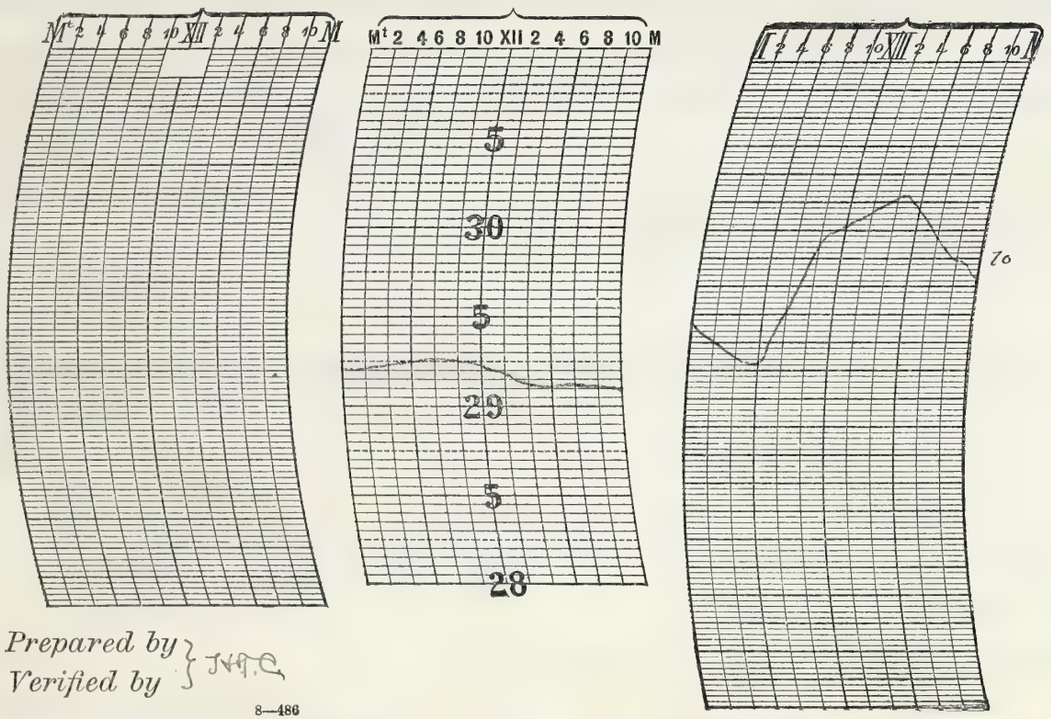
Maximum.	Minimum.	Mean.	Normal.
81	51	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 0
Actual sunshine, hours, 13.4
Possible sunshine, hours, 13.4
Percentage of possible sunshine, 100
Prevailing direction SW
Total movement, 151
Average hourly velocity, 6.3

Maximum velocity,	Direction,	Time.
11	SW	2.25 p. m.

Extreme velocity, 11
Relative humidity, 87 a. m. 57 p. m.
Reduced barometer, 30.15 a. m. 30.01 p. m.
River gage, 5.7 ft

NOTES.



Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) AUG 26 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	64	65	64	63	63	67	69	75	78	80	82	83	84	86	86	83	80	79	76	74	72	70	68
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Clear						Clear										
Sunrise: Time, Character, / Sunset: Time, Character,	Sunrise 5.02 Clear																				Sunset 6.24 Clear			
Sunshine (in tenths of hours)						0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0					
Wind direction	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	SW	SW	SW	N	N	N	N
Wind movement	8	10	9	10	10	11	11	10	17	17	20	19	18	15	14	12	9	7	7	7	6	5	3	1
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	86	63	74	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 0.1
Actual sunshine, hours, 13.3
Possible sunshine, hours, 13.4
Percentage of possible sunshine, 99
Prevailing direction SW
Total movement, 256
Average hourly velocity, 10.7

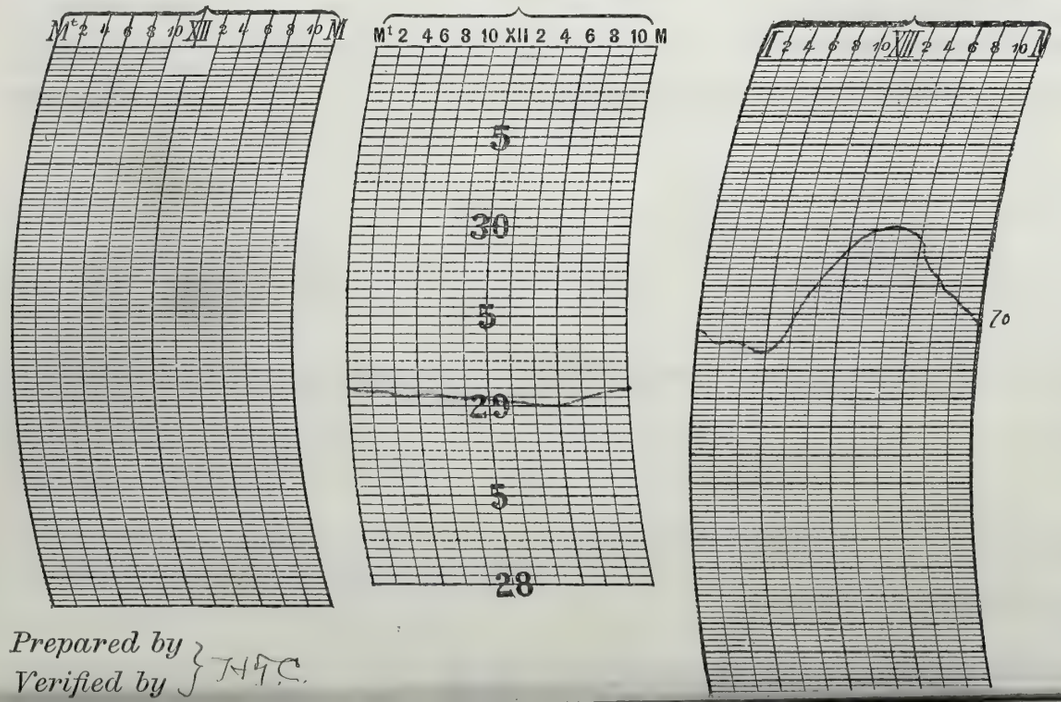
Maximum velocity,	Direction,	Time.
23	SW	10.46 a.m.

Extreme velocity, 24

	a. m.	p. m.
Relative humidity,	65	57
Reduced barometer,	29.95	29.90

River gage, 5.2 ft.

NOTES.



Prepared by
Verified by } H.T.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) AUG 27 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	64	63	62	61	60	64	71	74	76	78	79	80	81	82	82	82	80	78	75	72	66	65	64
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear							Clear										
Sunrise: Time, Character,	5.03 Clear																				Sunset: Time, Character,			6.22 Clear
Sunshine (in tenths of hours)						.85 0.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6 .37 0.4	0					
Wind direction	N	N	N	N	N	N	N	N	N	N	NW	NW	NW	NW	N	NW	N	N	N	N	N	N	N	E
Wind movement	2	2	3	2	1	2	4	5	4	4	4	6	6	6	5	5	4	4	2	2	1	1	5	8
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

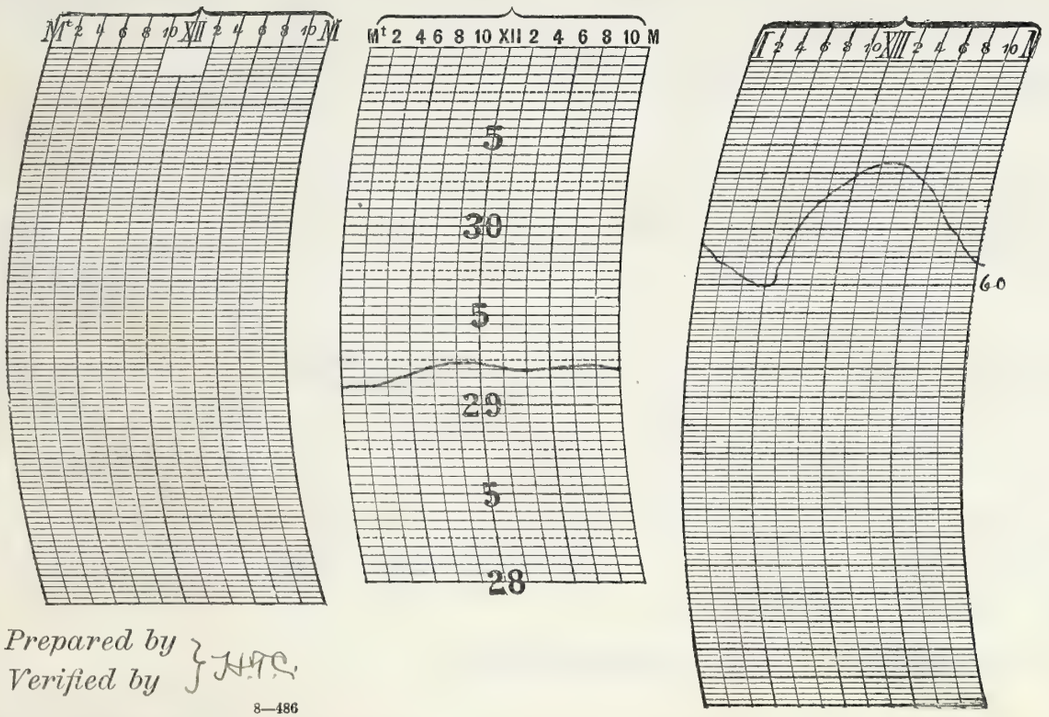
	Maximum.	Minimum.	Mean.	Normal.
	82.	60	71	

Total depth of snow for 24 hours ending 7 p. m., 0 inches
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10) 0
Actual sunshine, hours, 13.3
Possible sunshine, hours, 13.3
Percentage of possible sunshine, 100
Prevailing direction N
Total movement, 88
Average hourly velocity, 3.7

Maximum velocity,	Direction,	Time.
10	NE	11.15 p.m.

Extreme velocity, 10
Relative humidity, 72 a. m. 51 p. m.
Reduced barometer, 30.11 a. m. 30.11 p. m.
River gage, 4.7 ft.

NOTES.



Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) AUG 28 1913, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	62	61	60	62	63	66	71	75	80	84	88	87	88	89	87	82	78	76	73	70	69	68	66
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						—	—	Pt Cloudy	×	Clear	×	Pt Cloudy	—	—	—	—	—	—	—	—	—	—	—	—
Sunrise: Time 5.04, Character Cloudy																					Sunset: Time 6.21, Character Cloudy			
Sunshine (in tenths of hours)				0		0	0.1	0.2	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0	0					
Wind direction	E	E	E	E	E	SE	NE	S	S	S	S	Sw	Sw	Sw	Sw	W	W	NW	NW	NW	NW	W	W	W
Wind movement	7	5	7	5	5	6	3	10	11	10	14	12	18	14	16	12	14	13	11	9	10	9	10	9
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

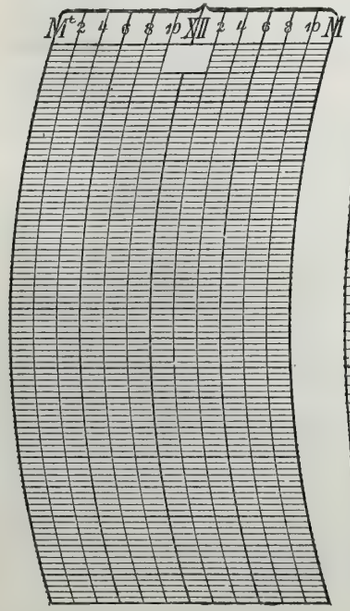
	Maximum.	Minimum.	Mean.	Normal.
	89	60	74	

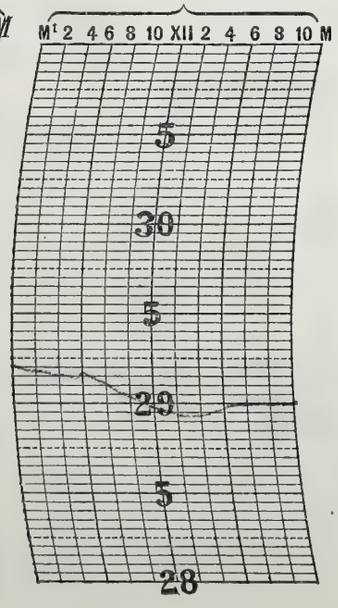
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase, ~~New Moon~~
Average daily cloudiness (0-10) 5
Actual sunshine, hours, 7.9
Possible sunshine, hours, 13.3
Percentage of possible sunshine, 59
Prevailing direction E, W.
Total movement, ~~230~~ 240
Average hourly velocity, ~~9.6~~ 10.0

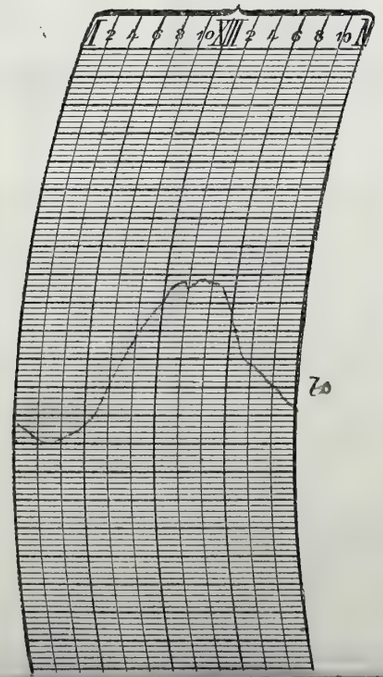
Maximum velocity,	Direction,	Time.
20	Sw	2.00 p.m.

Extreme velocity, 20

Relative humidity, 73 a. m. 61 p. m.
Reduced barometer, 30.01 a. m. 29.90 p. m.
River gage, 4.4 ft.







NOTES.

Prepared by }
Verified by } H.T.S.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) AUG 29 1913, 191

Time (local standard), 75th mer. — 1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	60	58	57	56	55	62	66	68	70	72	73	73	74	75	74	72	70	68	66	64	63	60	58
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Clear						Clear										
Sunrise: Time, 5.04 Character, Clear																					Sunset: Time, 6.19 Character, Clear			
Sunshine (in tenths of hours)						.9	.3	1.0	1.0	1.0	1.0	1.0	1.0	.9	1.0	1.0	1.0	.5	0					
Wind direction	W	SW	SW	SW	SW	SW	SW	NW	NW	NW	SW	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	7	9	7	7	9	8	11	12	15	16	19	22	22	20	17	15	12	11	7	8	7	5	2	4
Maximum velocities (exceeding 24 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

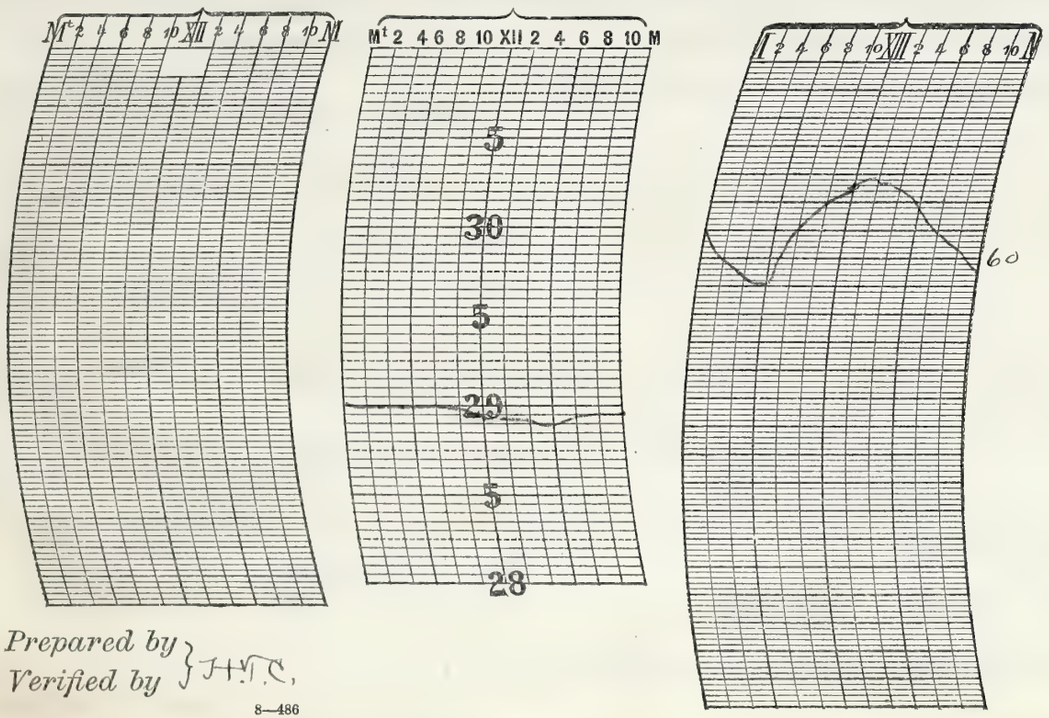
	Maximum.	Minimum.	Mean.	Normal.
	75	55	63	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 2
Actual sunshine, hours, 13.2
Possible sunshine, hours, 13.2
Percentage of possible sunshine, 99 100
Prevailing direction NW
Total movement, 276
Average hourly velocity, 11.5

Maximum velocity,	Direction,	Time.
26	W	11.40 a.m.

Extreme velocity, 27
Relative humidity, 63 a. m. 55 p. m.
Reduced barometer, 29.89 a. m. 29.84 p. m.
River gage, 4.1 ft

NOTES.



Prepared by
Verified by } H.W.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) AUG 30 1913, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	57	55	54	54	53	54	59	64	70	72	73	74	75	76	77	77	76	74	71	69	67	65	64	63
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						—		Clear						Clear										
Sunrise: Time, 5.05 Character, Clear																					Sunset: Time, 6.17 Character, Cloudy			
Sunshine (in tenths of hours)						0	0.9	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	0.6	0	0					
Wind direction	NW	NW	W	W	W	W	W	W	SW	SW	SW	W	W	W	W	W	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	4	5	5	4	3	2	2	3	6	9	9	9	8	8	7	7	5	5	3	2	1	1	3	3

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.
	77	53	65	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 3
Actual sunshine, hours, 11.4
Possible sunshine, hours, 13.2
Percentage of possible sunshine, 86
Prevailing direction SW
Total movement, 114
Average hourly velocity, 4.8

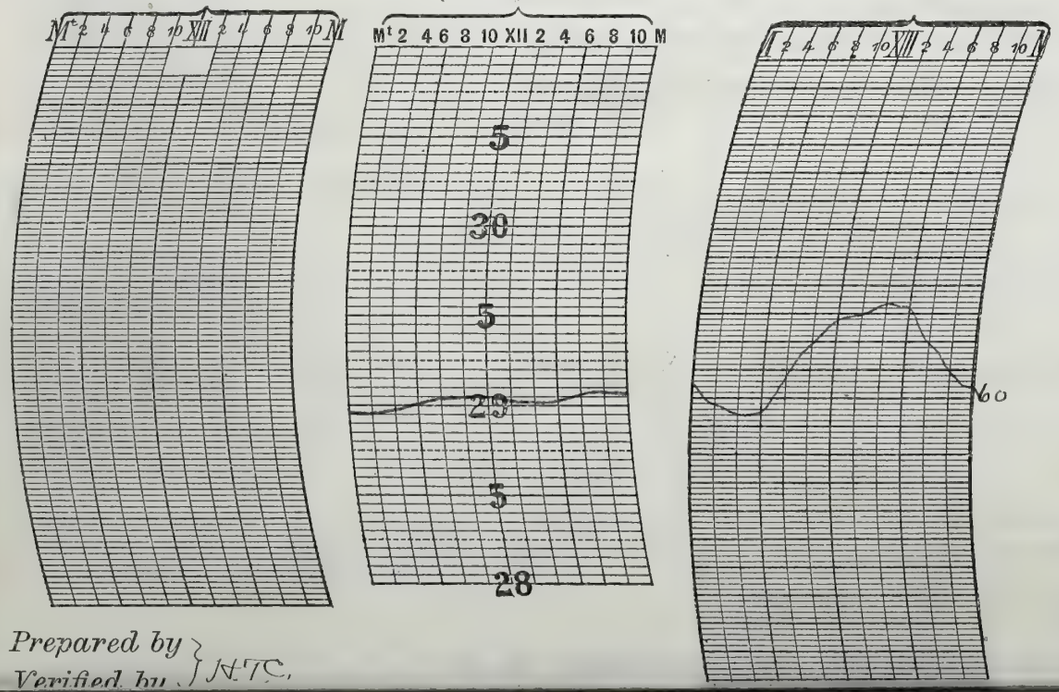
Maximum velocity,	Direction,	Time.
12	SW	10.23a.m.

Extreme velocity, 12

	a. m.	p. m.
Relative humidity,	79	53
Reduced barometer	29.96	29.96

River gage, 3.2 ft.

NOTES.



Prepared by
Verified by } J.N.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) AUG 31 1913, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	60	58	57	56	58	61	61	67	71	77	80	80	81	81	81	80	79	77	76	76	75	74	73
State of weather: Nature of precipitation and time of beginning and ending							RB 6.25	RE 7.10																
State of weather: Amounts of precipitation							T	T																
State of weather: Cloudiness and other conditions						Cloudy							Pt Cloudy											
	0	0	0	0	0				0.4	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0	0	0					
Sunrise: Time, 5.07 Character, Cloudy																					Sunset: Time, 6.16 Character, Cloudy			
Sunshine (in tenths of hours)						0	0	0																
Wind direction	SW	SW	SW	SW	SW	SW	S	S	S	SW	SW	SW	SW	S	S	SE	SE	SE	SE	SE	S	S	S	S
Wind movement	3	1	1	1	3	3	3	1	4	7	4	6	7	9	10	7	6	6	5	7	8	8	8	4

Maximum velocities (exceeding 29 miles) direction and time

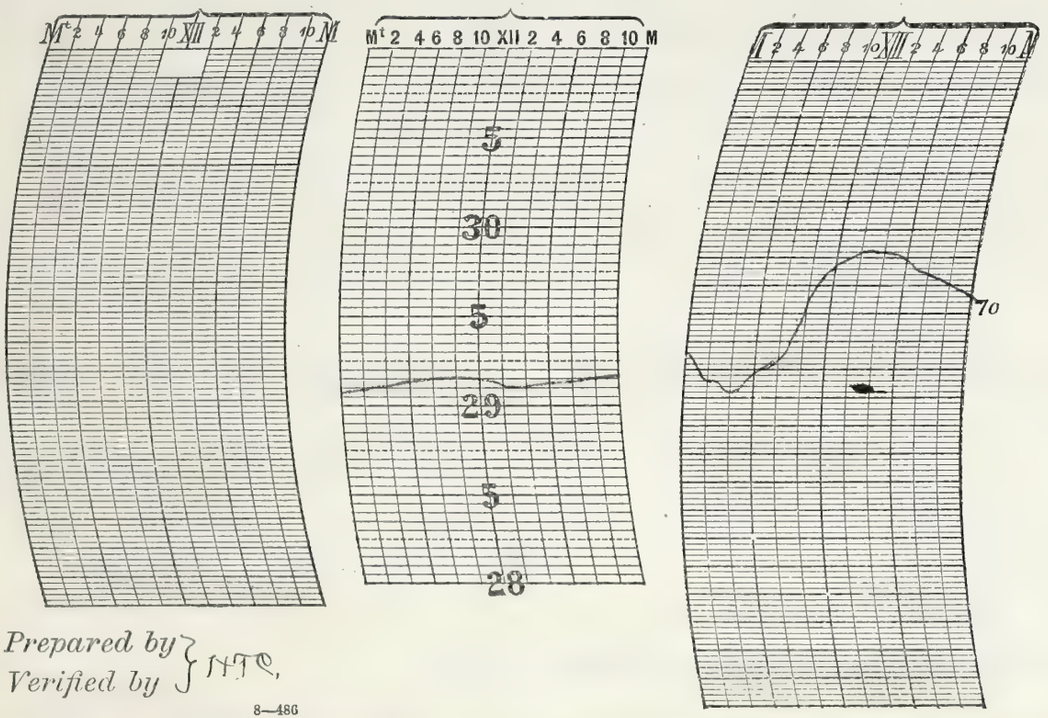
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	81	56	68	

Total depth of snow for 24 hours ending 7 p. m., 6 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 6 inches.
Precipitation to 7 a. m. T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase, New Moon
Average daily cloudiness (0-10) 5
Actual sunshine, hours, 7.3
Possible sunshine, hours, 13.2
Percentage of possible sunshine, 55
Prevailing direction SW
Total movement, 122
Average hourly velocity, 5.1
Maximum velocity, 15 Direction, S Time. 2.05 p.m.
Extreme velocity, 16
Relative humidity, 92 a. m. 60 p. m.
Reduced barometer, 30.08 a. m. 30.04 p. m.
River gage,

NOTES.



Prepared by
Verified by } MTC.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) SEP 1 1913, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	72	71	69	67	67	69	70	73	78	84	88	90	91	92	93	93	91	89	86	83	81	79	77	73
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Cldy	×			Pr Cldy			—	—	Clear	—	—	—	—					
Sunrise: Time, 5.08 Character, Cloudy																					Sunset: Time, 6.14 Character, Clear			
Sunshine (in tenths of hours)						0	0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0					
Wind direction	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	S	S	S	S	S	S	S	S	S	S	S	S	S	SE
Wind movement	2	4	3	5	5	4	5	4	8	8	9	10	11	11	10	10	6	5	6	8	8	5	4	6
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

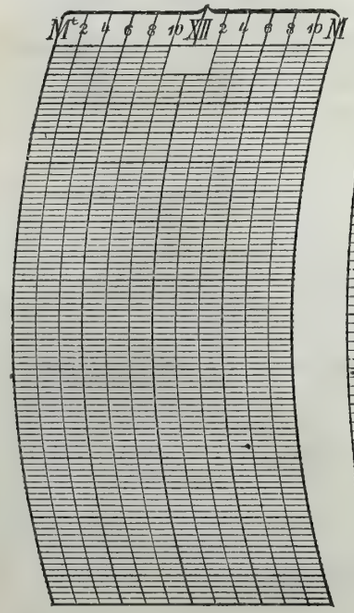
1 hours slower than 75th meridian time.

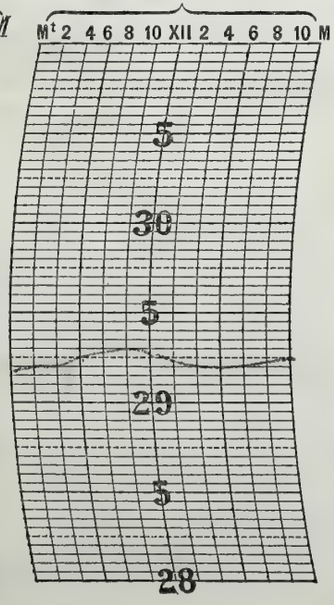
Maximum.	Minimum.	Mean.	Normal.
93	67	80	

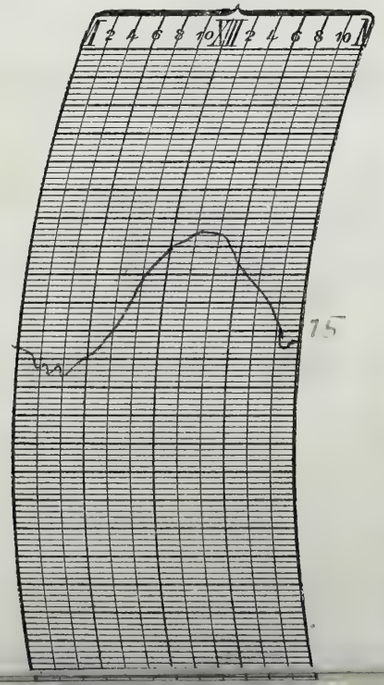
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10) 1
Actual sunshine, hours, 10.8
Possible sunshine, hours, 13.1
Percentage of possible sunshine, 82
Prevailing direction S
Total movement, 157
Average hourly velocity, 6.5

Maximum velocity,	Direction,	Time.
14	S	2.40 pm

Extreme velocity, 16
Relative humidity, 79 a. m. 42 p. m.
Reduced barometer, 30.19 a. m. 30.10 p. m.
River gage, 2.4 ft







NOTES.

Prepared by
Verified by } H.T.C.

Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tues Tuesday, (Date) SEP 2 1913, 191

Time (local standard) 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	73	72	71	70	69	68	73	80	86	89	91	93	93	96 95	95	95	93	89	87	83	82	80	78	76
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Clear							Clear									
Sunrise: Time, 5.04 Character, Clear						5 8															Sunset: Time, 6.12 Character, Clear			
Sunshine (in tenths of hours)						0	0.2 0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6 0.4	.20 0					
Wind direction	S	SE	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S	S	S
Wind movement	6	5	6	5	7	5	5	7	7	8	6	7	8	8	8	6	6	4	3	1	2	2	3	2

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

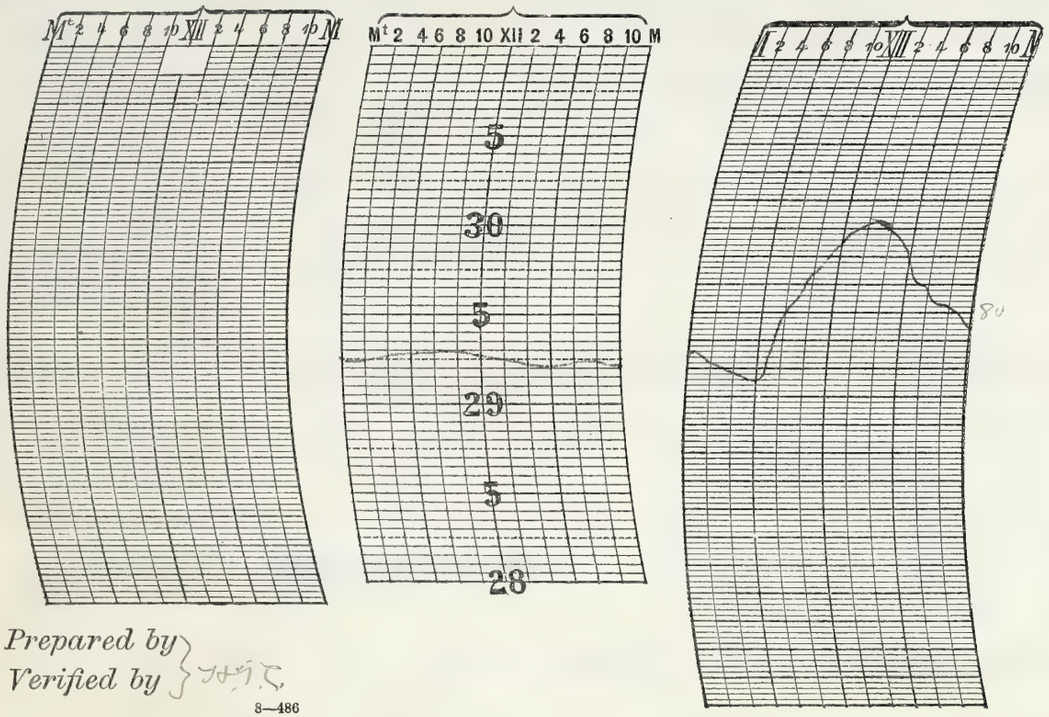
Maximum.	Minimum.	Mean.	Normal.
96	68	82	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 0
Actual sunshine, hours, 13.0
Possible sunshine, hours, 13.0
Percentage of possible sunshine, 100
Prevailing direction S
Total movement, 127
Average hourly velocity, 5.3

Maximum velocity,	Direction,	Time.
10	SW	1.40 p m

Extreme velocity, 10
Relative humidity, 54 a. m. 59 p. m.
Reduced barometer, 30.21 a. m. 30.11 p. m.
River gage, 2.4 ft

NOTES.



Prepared by
Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) SEP 3 1913, 191

Time (local standard), 90 mer. — hours slower than 75th meridian time.

	A.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	75	73	72	71	70	70	72	75	80	87	90	93	93	92	94	93	88	85	84	81	80	76	74	72
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Pcldy		×		Clear					×		Pcldy							
Sunrise: Time, Character	5.10 Cloudy																				Sunset: 6.11 Cloudy			
Sunshine (in tenths of hours)						0	0	0.1	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0	0					
Wind direction	S	S	S	S	S	S	S	SW	SW	SW	SW	NW	NW	NW	NW	NW	W	NW	NW	NW	N	NE	NE	NE
Wind movement	2	2	2	3	2	3	5	4	4	4	5	6	6	6	6	5	5	6	4	3	10	14	11	11
Maximum velocities (exceeding 27 miles) direction and time																								

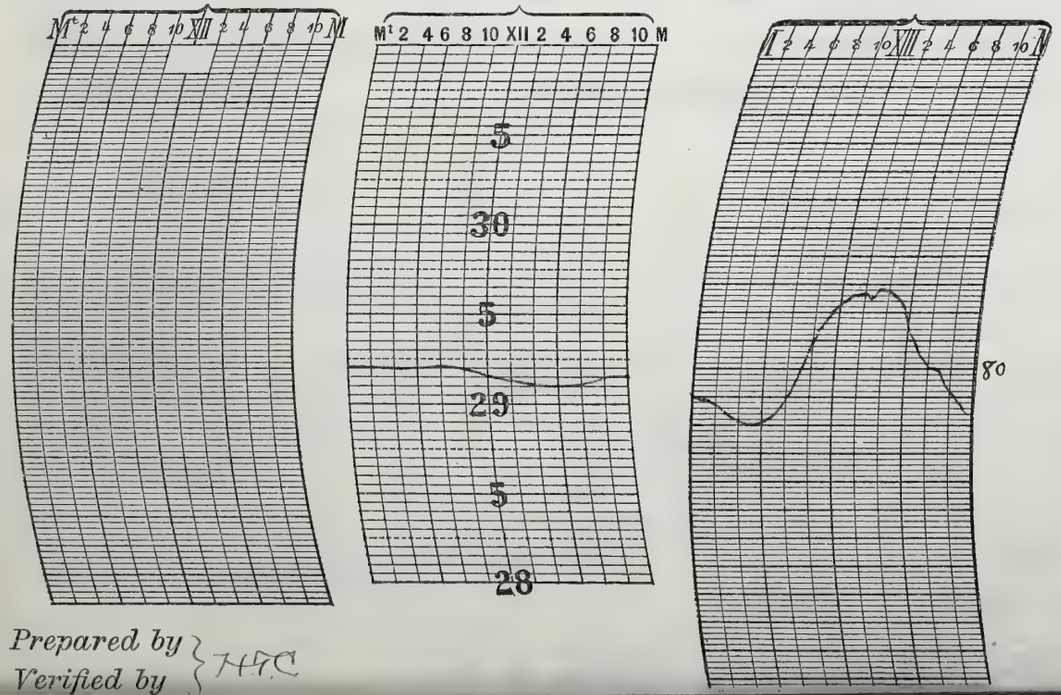
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum 94 — Minimum 70 — Mean 82 — Normal.

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pcldy Moon phase,
Average daily cloudiness (0–10) 4
Actual sunshine, hours, 8.4
Possible sunshine, hours, 13.0
Percentage of possible sunshine, 65
Prevailing direction NW
Total movement, 129
Average hourly velocity, 5.4

Maximum velocity,	Direction,	Time.
17	NE	9.30 p.m.

Extreme velocity, 18
Relative humidity, 73 a. m. 57 p. m.
Reduced barometer, 30.10 a. m. 30.00 p. m.
River gage, 2.3 ft.



NOTES.

Prepared by
Verified by } HFC

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) SEP 4 1913, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	71	68	66	65	64	64	67	67	67	69	71	71	72	75 74	73	72	71	70	68	68	67	66	65	64
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Cloudy						Cloudy										
Sunrise: Time, 5.11 Character, Cloudy																					Sunset: Time, 6.09 Character, Cloudy			
Sunshine (in tenths of hours)						0	0	0	0	0	0.4	0	0.2	1.0	0	0	0	0	0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	NE	NE	E	NE	NE	E	NE
Wind movement	11	12	9	8	7	7	8	10	11	10	9	11	10	11	12	11	10	8	7	6	5	8	7	7
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

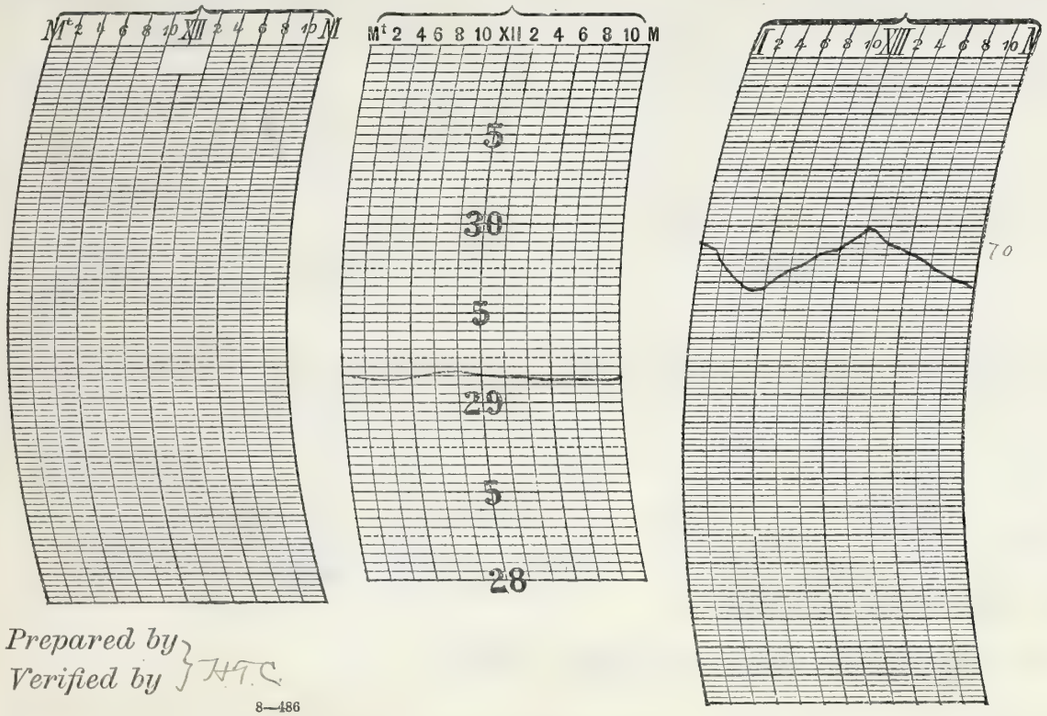
Maximum.	Minimum.	Mean.	Normal.
75	64	70	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m. 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 9
Actual sunshine, hours, 1.6
Possible sunshine, hours, 13.0
Percentage of possible sunshine, 12
Prevailing direction NE
Total movement, 215
Average hourly velocity, 9.0

Maximum velocity,	Direction,	Time.
14	E	3.30 p.m.

Extreme velocity, 16
Relative humidity, 85 a. m. 83 p. m.
Reduced barometer, 30.08 a. m. 30.04 p. m.
River gage, 2.3 ft.

NOTES.



Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) SEP 6 1913, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	63	62	63	63	63	63	64	64	65	68	70	73	77	79	80	80	78	75	72	71	69	67	66	64
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Cloudy						Clear						Clear						
Sunshine (in tenths of hours)						0	0	0	0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0	0					
Wind direction	7	7	8	8	8	6	6	5	6	6	5	6	7	6	6	7	8	10	9	7	9	9	6	6
Wind movement	NE	NE	E	E	E	E	E	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE

Sunrise: Time, 6.11 Character, Cloudy

Sunset: Time, 6.08 Character, Clear

1.0 .13

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	80	62	71	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Hdy Moon phase,

Average daily cloudiness (0–10) 4

Actual sunshine, hours, 8.3

Possible sunshine, hours, 13.0

Percentage of possible sunshine, 64

Prevailing direction NE

Total movement, 168

Average hourly velocity, 7.0

Maximum velocity,	Direction,	Time.
12	NE	5.20 p.m.

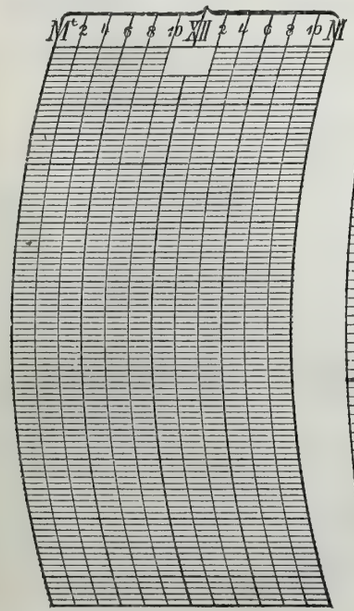
Extreme velocity, 12

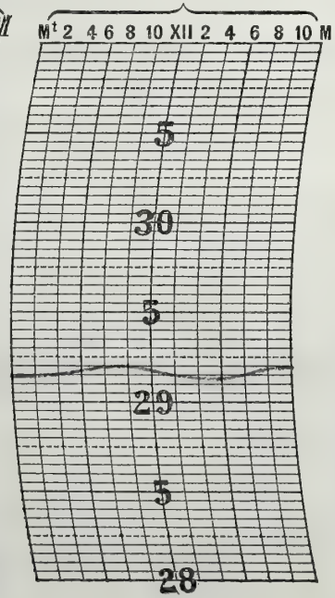
Relative humidity, 90 a. m. 80 p. m.

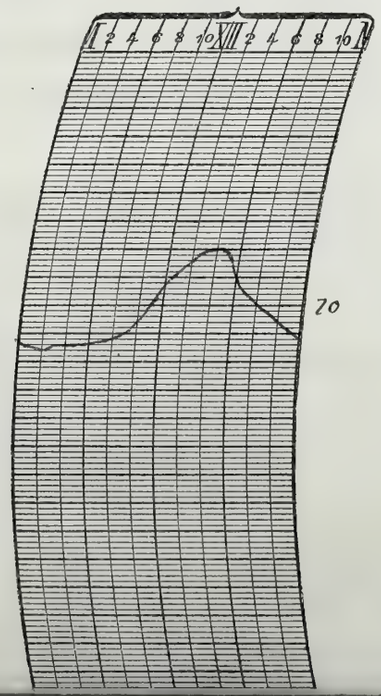
Reduced barometer, 30.12 a. m. 30.05 p. m.

River gage, 2.3 ft.

NOTES.







Prepared by
Verified by } H.T.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) SEP 8 1913, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	63	62	62	62	61	61	64	69	73	78	81	84	89	90	90	90	89	88	81	78	78	77	75	73
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions									Clear					Clear										
Sunshine (in tenths of hours)						.8 0	.7 .3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.9 .1	.10 0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	E	E	E	NE	NE	NE	SW	NW	NW	NW	NW	S	S	S	S	S	S
Wind movement	6	4	5	6	5	6	6	5	5	4	4	6	4	5	5	4	4	1	6	5	3	5	4	2

Sunrise: Time, 5.12 Character, Clear

Sunset: Time, 6.06 Character, Clear

Maximum velocities 29 (exceeding ___ miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.
	90	61	76	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0-10) 0

Actual sunshine, hours, 12.9

Possible sunshine, hours, 12.9

Percentage of possible sunshine, 100

Prevailing direction NE

Total movement, 110

Average hourly velocity, 4.6

Maximum velocity,	Direction,	Time.
8	SW	1.30 p.m.

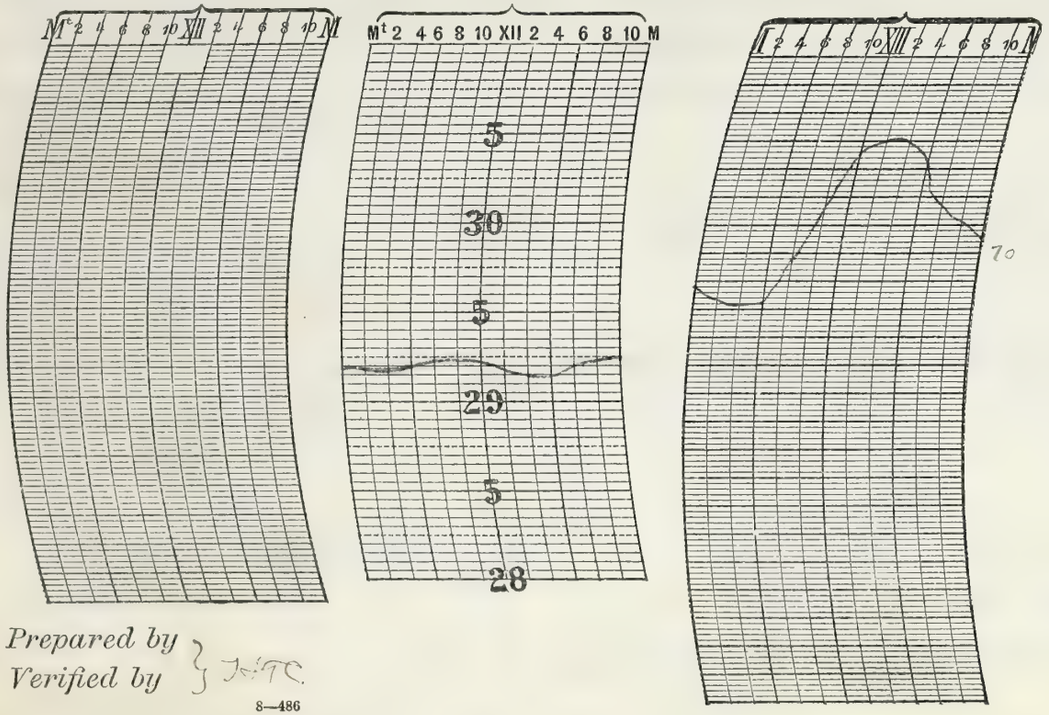
Extreme velocity, 8

Relative humidity, 87 a. m. 63 p. m.

Reduced barometer, 30.15 a. m. 30.11 p. m.

River gage, 2.2 ft.

NOTES.



Prepared by
Verified by } JHTC.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) SEP 7 1913, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	12-1 A.M.	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1 P.M.	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	72	70	70	70	69	68	72	77	83	86	88	84	85	87	88	84	83	83	76	75	75	74	72	70
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						—	—	—	Clear	—	—	—	—	—	—	Clear+Hdy	—	—	—	—	—	—	—	—
Sunrise: Time 5.13, Character Clear																					Sunset: Time 6.04, Character Cloudy			
Sunshine (in tenths of hours)						0	0.4	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0	0	0					
Wind direction	0	E	E	E	S	S	S	SW	SW	W	W	SW	W	SW	W	W	W	W	E	E	S	SW	SW	SW
Wind movement	0	3	2	2	2	4	5	6	7	10	10	10	13	10	9	10	6	4	6	4	11	8	9	8
Maximum velocities (exceeding 29 miles) direction and time																								

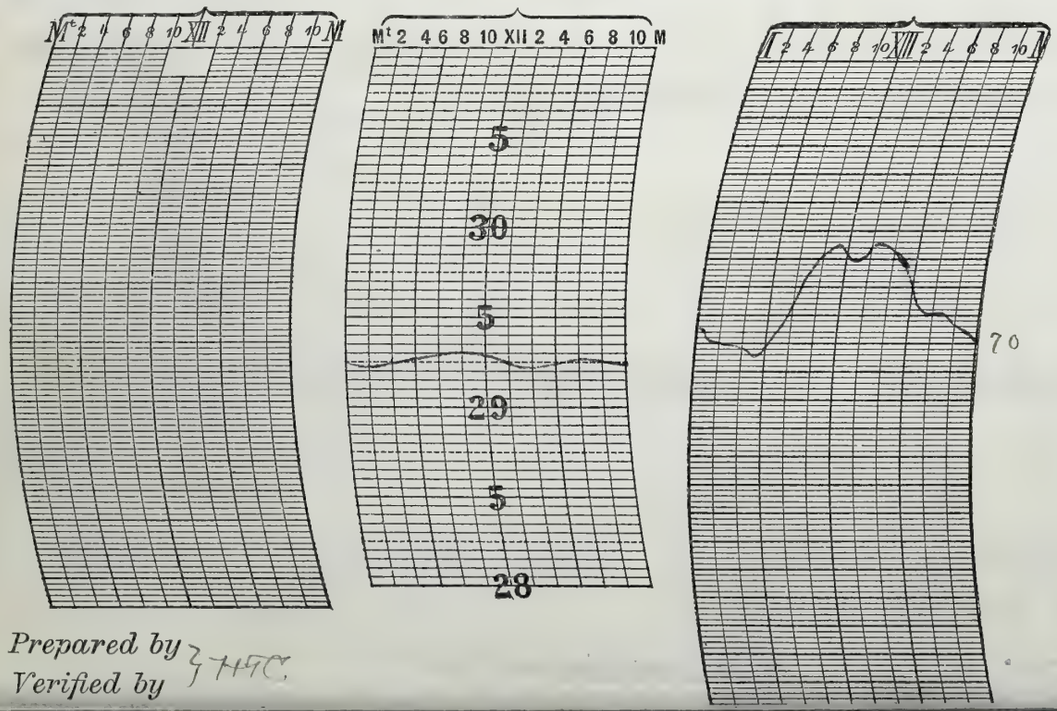
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum 88 | Minimum 68 | Mean 78 | Normal

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, First Quarter
Average daily cloudiness (0-10) 2
Actual sunshine, hours, 9.4
Possible sunshine, hours, 12.8
Percentage of possible sunshine, 73
Prevailing direction SW. W
Total movement, 110
Average hourly velocity, 4.8

Maximum velocity,	Direction,	Time.
16	W	12 40 p.m.

Extreme velocity, 17
Relative humidity, 84 a. m., 70 p. m.
Reduced barometer, 30.19 a. m., 30.14 p m.
River gage, 2.2 ft



NOTES.

B in vicinity south of Station

Prepared by
Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) SEP 8 1913, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	70	69	68	68	69	69	70	69	68	70	70	72	74	76	77	76	73	71	68	66	64	61	60	57
State of weather. Nature of precipitation and time of beginning and ending							RB 6.15 RE 6.44	RB 7.10		RE 9.15														
Amounts of precipitation							.12	T	.02	T														
Cloudiness and other conditions							Cloudy + Rain						Cldy + Clear											
Sunrise: Time 5.14, Character Cloudy																					Sunset: Time 6.03, Character Clear			
Sunshine (in tenths of hours)						0	0	0	0	0.4	0.1	0.6	1.0	1.0	1.0	0.9	0.8	0.9 0.1	0.5 0					
Wind direction	SW	SW	SW	SW	W	W	W	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	7	6	7	4	3	4	3	8	4	3	9	7	11	12	12	13	17	10	8	8	8	9	8	6

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

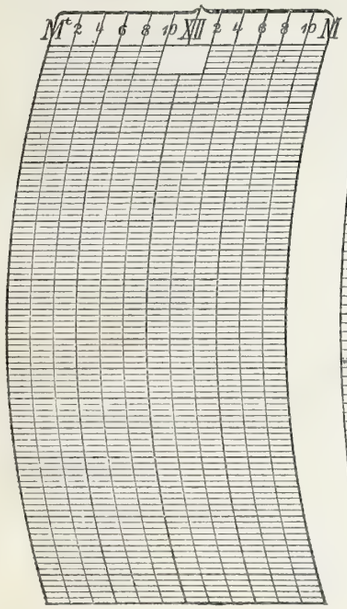
1 hours slower than 75th meridian time.

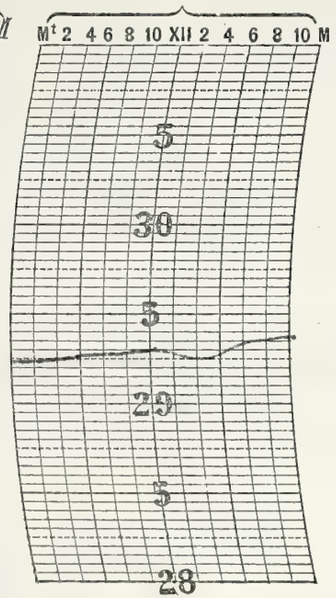
Maximum.	Minimum.	Mean.	Normal.
77	57	67	

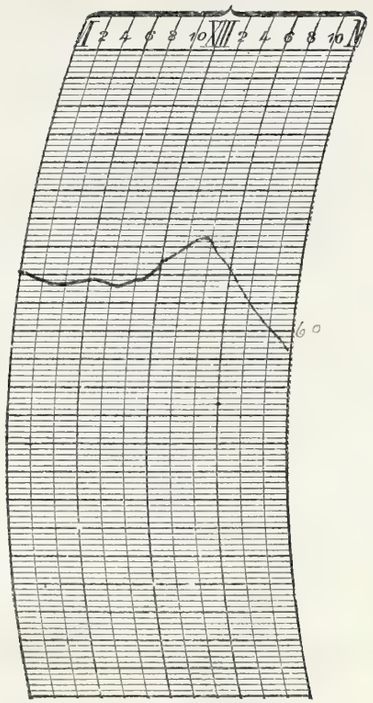
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .12 ins.; to 7 p. m., .02 ins.
Total precipitation, midnight to midnight, .14 inches.
Character of day, Pt Cldy Moon phase,
Average daily cloudiness (0–10) 6
Actual sunshine, hours, ~~6.8~~ 6.8
Possible sunshine, hours, 12.8
Percentage of possible sunshine, 53
Prevailing direction NE
Total movement, 191
Average hourly velocity, 8.0

Maximum velocity,	Direction,	Time.
21	N	4.35 p.m.

Extreme velocity, 22
Relative humidity, 93 a. m. 74 p. m.
Reduced barometer, 30.11 a. m. 30.22 p. m.
River gage, 2.1 ft







NOTES.

By 6.00 a.m.

Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) SEP 9 1913, 191

Time (local standard 90 mer.)

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	54	53	53	53	53	56	58	62	64	67	69	71	73	73	71	68	65	61	60	57	55	53	51 52
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions									Clear							Clear								
Sunrise: Time, Character,	5.15 Clear																				Sunset: Time, Character,			6.01 Clear
Sunshine (in tenths of hours)						.75 0	.1 0.9	1.0	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	.4 0.6	.2 0					
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	NE	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	7	7	9	8	9	7	9	9	12	13	13	15	14	13	11	14	16	12	11	11	9	9	7	8
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

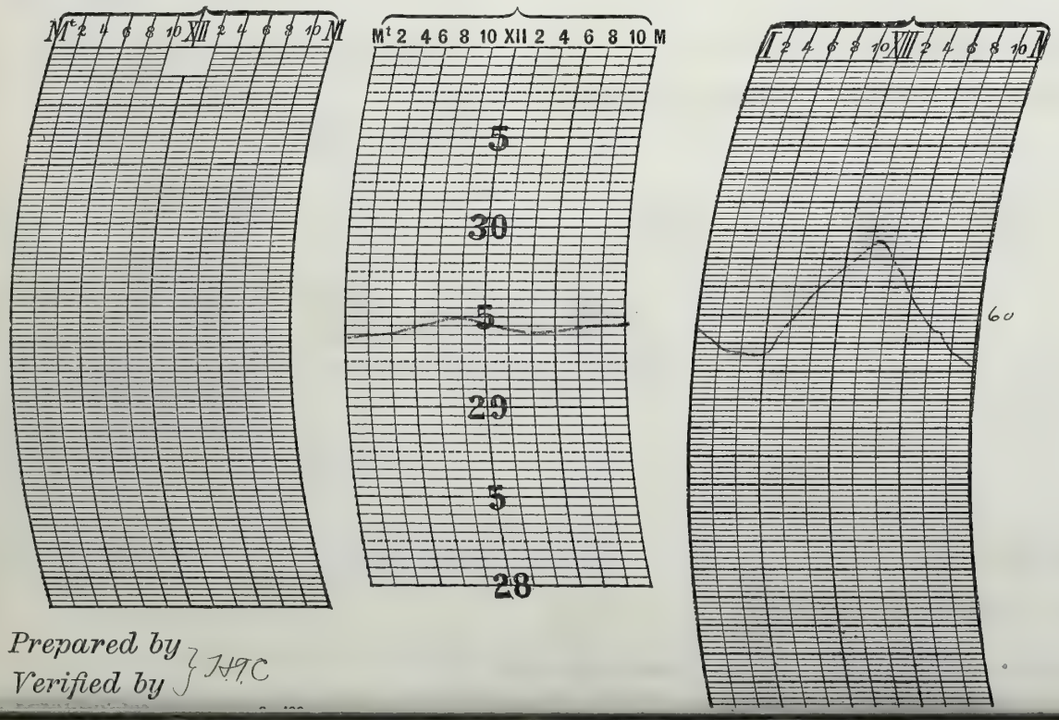
Maximum.	Minimum.	Mean.	Normal.
73	~~53~~ 51	62	–

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10) 1
Actual sunshine, hours, 12.7
Possible sunshine, hours, 12.8
Percentage of possible sunshine, 99
Prevailing direction NE
Total movement, 253
Average hourly velocity, 10.6

Maximum velocity,	Direction,	Time.
19	E	11.20 a.m.

Extreme velocity, 20
Relative humidity, 69 a. m. 65 p. m.
Reduced barometer, 30.39 a. m. 30.34 p. m.
River gage, 2.0 ft.

NOTES.



Prepared by
Verified by } JHC

FORM NO. 1014—Mch 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) SEP 10 1913, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	51	50	49	48	47	46	50	52	57	63	67	73	76	78	79	79	79	76	70	68	65	61	59	58
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Clear								Clear										
Sunrise: Time, 5.16 Character, Clear																					Sunset: Time, 5.59 Character, Clear			
Sunshine (in tenths of hours)						.73 0	.04 0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.78 0.2						
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	E	E	E	E	E	E	E	E	NE	NE
Wind movement	9	8	6	8	8	8	7	8	6	7	7	9	11	9	8	7	8	7	9	7	7	6	5	6
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

_____ hours slower than 75th meridian time.

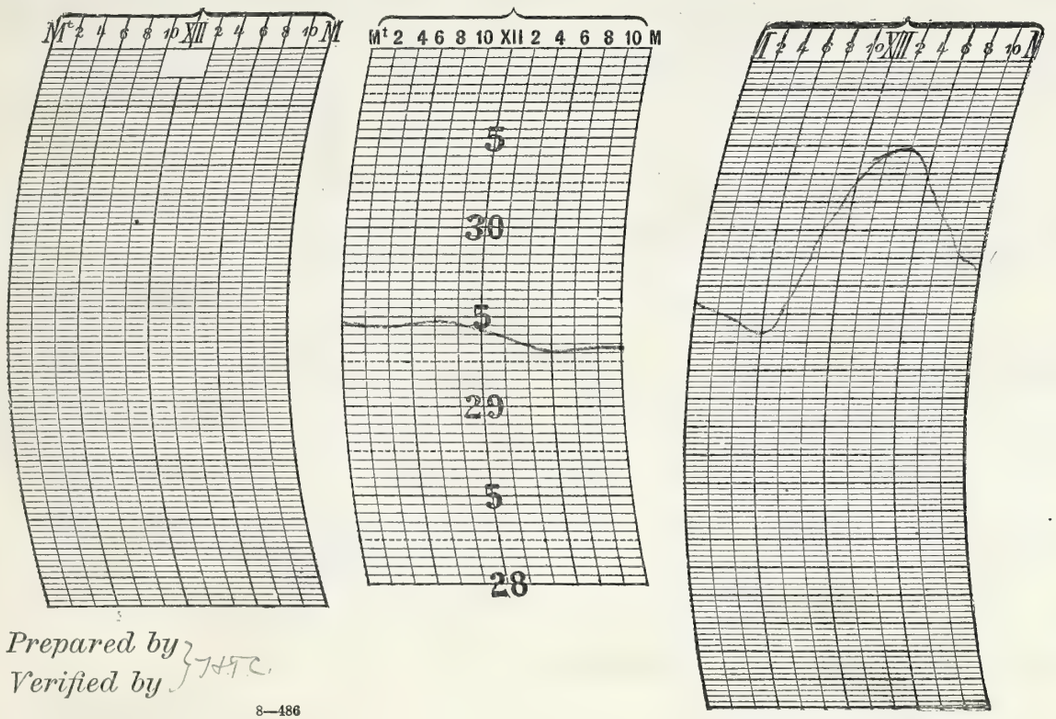
Maximum.	Minimum.	Mean.	Normal.
79	46	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inche
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, _____
Average daily cloudiness (0–10) 0
Actual sunshine, hours, 12.7
Possible sunshine, hours, 12.7
Percentage of possible sunshine, 100
Prevailing direction NE
Total movement, 181
Average hourly velocity, 7.5

Maximum velocity,	Direction,	Time.
11	E	12.48 p.m.

Extreme velocity, 11
Relative humidity, 79 a. m. 50 p. m.
Reduced barometer, 30.40 a. m. 30.24 p. m.
River gage, 1.9 ft.

NOTES.



Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) SEP 11 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	53	53	52	50	50	54	61	70	75	78	82	82	84	82	82	82	80	76	73	68	65	64	63
State of weather: Nature of precipitation and time of beginning and ending																					RS 8.35			
State of weather: Amounts of precipitation																					T	.01	.01	.01
State of weather: Cloudiness and other conditions							Clear							Clear		Cloudy								
Sunrise: Time, 5.17 Character, Clear / Sunset: Time, 5.57 Character, Cloudy																								
Sunshine (in tenths of hours)						0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.6	0						
Wind direction	NE	E	E	NE	NE	E	E	SE	SE	S	SE	S	SW	SW	W	W	NW	NW	NW	NW	N	N	N	N
Wind movement	5	5	5	5	5	4	3	3	4	3	3	4	6	6	6	5	5	3	4	13	12	7	7	6
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

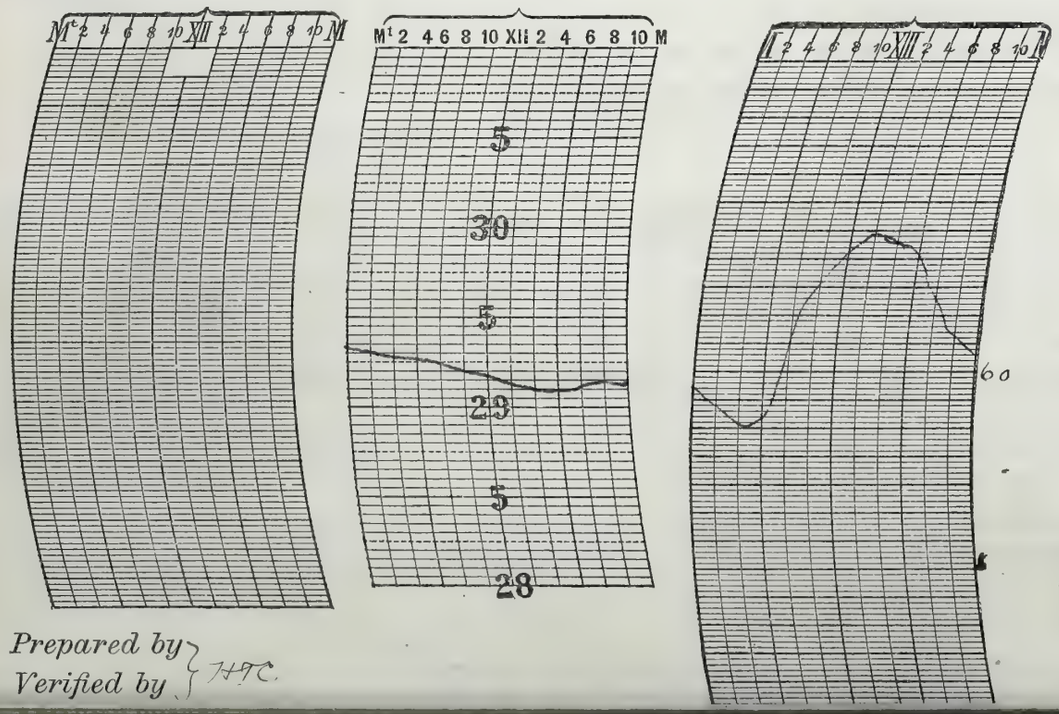
	Maximum.	Minimum.	Mean.	Normal.
	84	50	67	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .09 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10) 1
Actual sunshine, hours, 11.0
Possible sunshine, hours, 12.7
Percentage of possible sunshine, 87
Prevailing direction N E
Total movement, 129
Average hourly velocity, 5.4

Maximum velocity,	Direction,	Time.
19	W	2.10 p.m.

Extreme velocity, 30
Relative humidity, 79 a. m. 54 p. m.
Reduced barometer, 30.19 a. m. 30.01 p. m.
River gage, 1.8 ft.

NOTES.



Prepared by
Verified by } HTC.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) SEP 12 1913, 191

Time (local standard), 90 mer. — 90 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	62	62 RE DN	62	62	61	60	58	59	61	64	67	69	70	71	69	67	65	60	58	56	55	53	51 52
State of weather: Nature of precipitation and time of beginning and ending	.19	.03	.01																					
Amounts of precipitation																								
Cloudiness and other conditions						Cloudy →							← P.Cy								→			
Sunrise: Time 5.19 Character Cloudy																					Sunset: Time 5.56 Character Cldy			
Sunshine (in tenths of hours)						0	0	0	0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.1	0						
Wind direction	N	N	N	N	N	N	N	N	N	NE	N	N	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	6	5	4	5	5	6	7	9	9	10	7	9	11	12	12	13	14	13	9	9	8	10	9	7
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	71	52 51	62 61	—

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .32 ins.; to 7 p. m., 0 in.
Total precipitation, midnight to midnight, .023 inches.
Character of day, P. Cldy Moon phase,
Average daily cloudiness (0-10), 6
Actual sunshine, hours, ~~12.6~~ 7.1
Possible sunshine, hours, 12.6
Percentage of possible sunshine, 56
Prevailing direction N
Total movement, 209
Average hourly velocity, 8.7

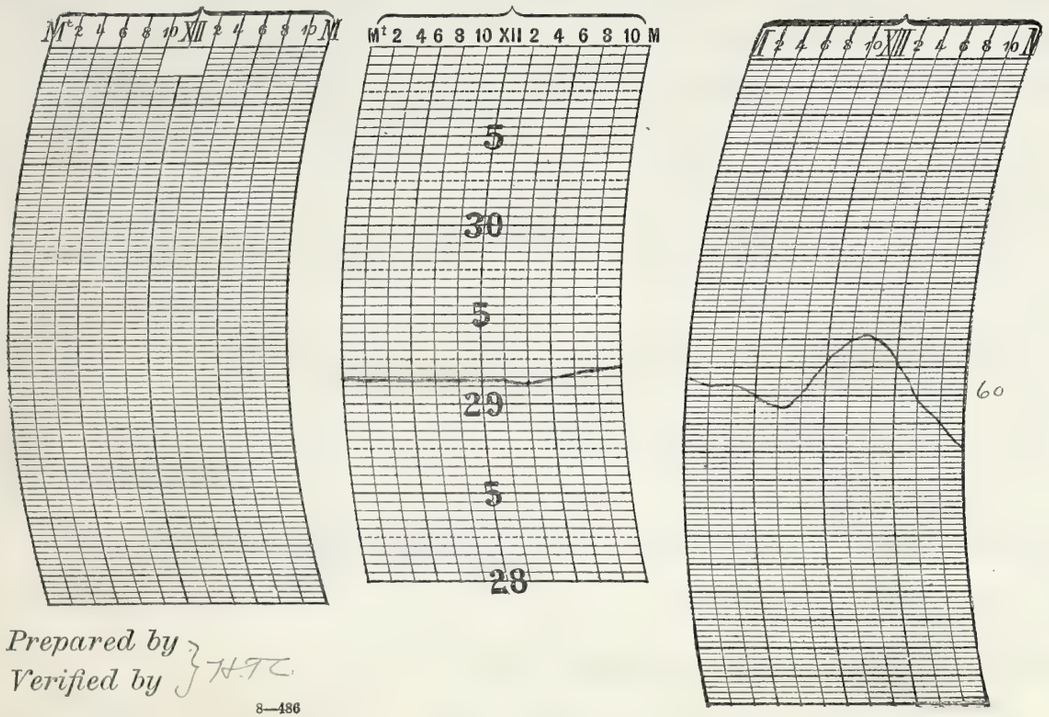
Maximum velocity,	Direction,	Time.
16	NW	420 PM

Extreme velocity, 18

	a. m.	p. m.
Relative humidity,	84	54
Reduced barometer,	30.04	30.07

River gage, 1.7 ft.

NOTES.



Prepared by
Verified by HTC

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) SEP 13 1913, 191

Time (local standard), 90 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	51	50	48	47	47	46	49	51	54	57	60	64	65	66	67	68	69	66	61	59	57	55	53	51
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						←	–	–	Clear	–	–	–	–	–	–	–	–	–	–	–	–	–	–	→
Sunrise: Time, 5.20 Character, Clear																					Sunset: Time, 6.34 Character, Clear			
Sunshine (in tenths of hours)						.67 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.50 0.4						
Wind direction	NW	NW	N	N	N	N	N	N	NE	N	N	N	N	N	N	NW	NW	NW	NW	NW	N	N	N	N
Wind movement	5	7	5	4	3	3	2	5	5	6	8	11	14	9	7	7	8	7	8	8	10	7	6	8
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

/ hours slower than 75th meridian time.

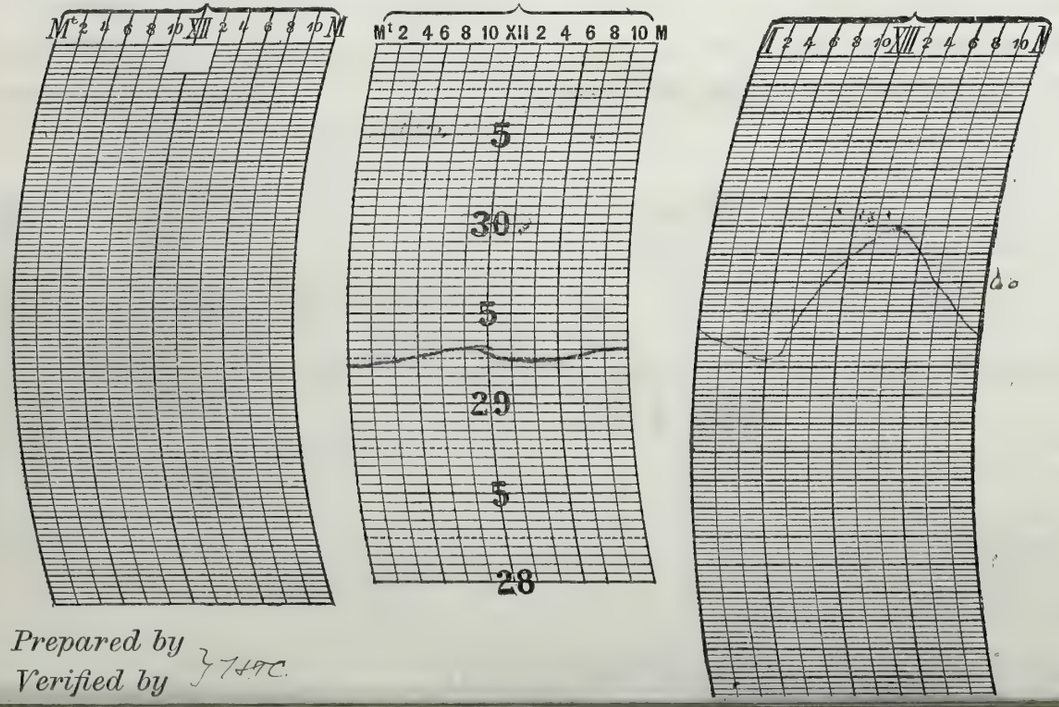
Maximum.	Minimum.	Mean.	Normal.
69	46	58	–

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, ____ inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, ____
Average daily cloudiness (0–10) 1
Actual sunshine, hours, 12.6
Possible sunshine, hours, 12.6
Percentage of possible sunshine, 100
Prevailing direction N
Total movement, 163
Average hourly velocity, 6.8

Maximum velocity,	Direction,	Time.
18	N	12:45

Extreme velocity, 19
Relative humidity, 85 a. m. 60 p. m.
Reduced barometer, 30.25 a. m. 30.20 p. m.
River gage, 1.8

NOTES.



Prepared by
Verified by JHPC.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) SEP 14 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	48	47	46	44	44	46	50	54	58	60	62	63	65	65	66	65	64	58	55	53	51	49	47
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						<					Clear											>		
Sunshine (in tenths of hours)					0	.65 .30 0 .7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.57 0.3						
Wind direction	N	NE	NE	E	NE	E	E	E	SE	E	SE	E	NE	E	E	E	E	E	E	NE	NE	E	E	E
Wind movement	9	7	7	8	7	6	8	6	6	9	7	10	11	11	13	11	11	8	7	9	10	11	9	8

Sunrise: Time, 5.21; Character, Clear

Sunset: Time, 5.32; Character, Clear.

Maximum velocities (exceeding 27 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

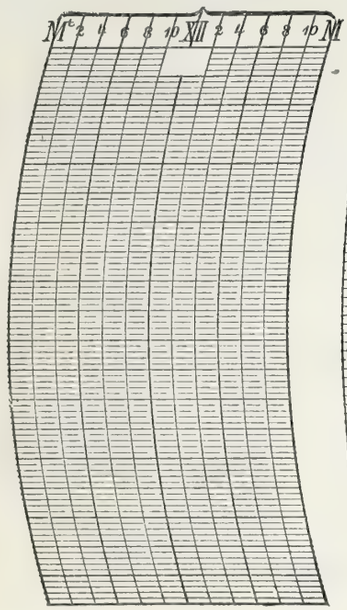
Maximum.	Minimum.	Mean.	Normal.
66	44	55	

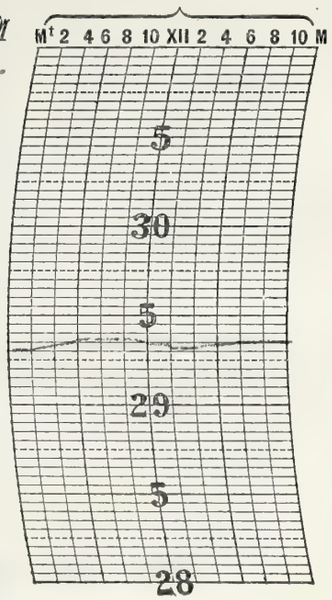
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 1
Actual sunshine, hours, 12.5
Possible sunshine, hours, 12.5
Percentage of possible sunshine, 100
Prevailing direction E
Total movement, 209
Average hourly velocity, 8.7

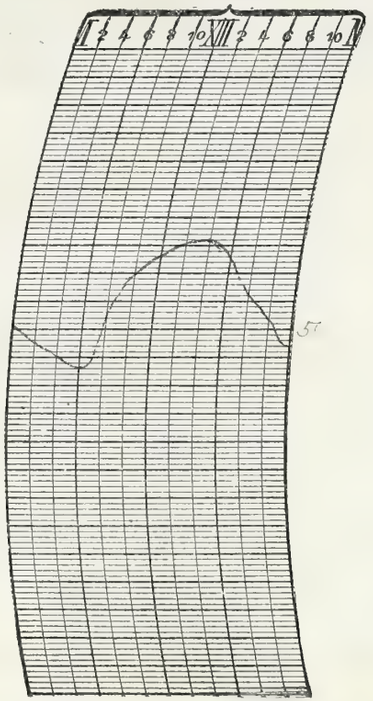
Maximum velocity,	Direction,	Time.
16	E	2.20 P.M.

Extreme velocity, 17
Relative humidity, 80 a. m. 60 p. m.
Reduced barometer, 30.32 a. m. 30.28 p. m.
River gage, 1.8

NOTES.







Prepared by
Verified by N.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) SEP 15 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	46	46	46	46	46	45	48	49	51	57	63	70	69	70	70	70	69	68	67	66	66	66	65	65
State of weather. Nature of precipitation and time of beginning and ending														R.B 2.15	R.E 3.15									
Amounts of precipitation														T	T									
Cloudiness and other conditions						← Cloudy															→			
Sunrise: Time, 5.21 Character, Cldy																					Sunset: Time, 5.31 Character, Cldy			
Sunshine (in tenths of hours)					0	0	5	0	0.2	0.3	1.0	1.0	0.6	0.2	0	0	0	0						
Wind direction	E	E	E	E	NE	NE	NE	E	E	E	E	E	E	E	E	SE	SE	E	E	E	E	E	E	E
Wind movement	7	10	9	9	8	8	10	10	9	8	9	10	10	10	7	5	6	5	8	8	8	7	6	5

Maximum 29 velocities (exceeding ___ miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

Maximum.	Minimum.	Mean.	Normal.
70	45	58	—

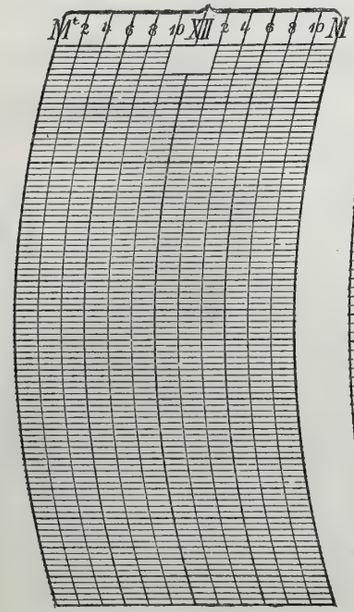
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase, Full Moon
Average daily cloudiness (0–10) 9
Actual sunshine, hours, 3.3
Possible sunshine, hours, 12.5
Percentage of possible sunshine, 26
Prevailing direction E
Total movement, 192
Average hourly velocity, 8.0

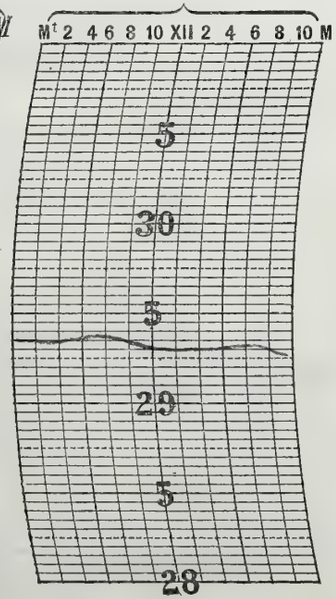
Maximum velocity,	Direction,	Time.
13	East	7.25 AM

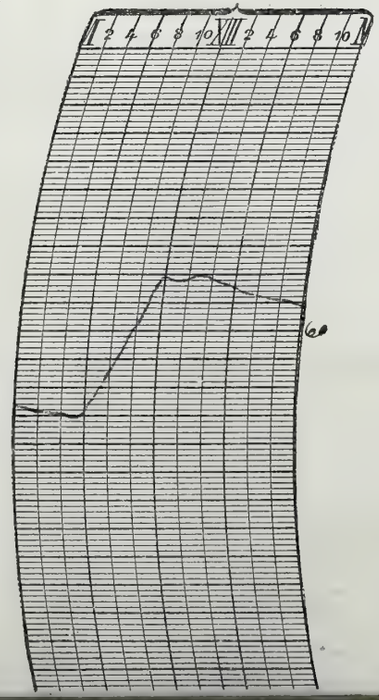
Extreme velocity, 13

Relative humidity, 68 a. m. 72 p. m.
Reduced barometer, 30.31 a. m. 30.22 p. m.
River gage, 1.8

NOTES.







Prepared by THT.
Verified by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind. (Day of week) Tuesday (Date) SEP 1 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	64	61	59	59	58	58	58	59	62	63	66	67	67	70	69	67	68	67	67	67	67	67	66	66
State of weather: Nature of precipitation and time of beginning and ending	R.B 0N.A							R.E 7.15		R.B 9.45		R.E 11.45				R.B 3.20p E 4.00					R.B 8.00			R.E BN A
Amounts of precipitation	-	.04	.23	.17	.07	.04	.12	.01		T	T	.01				.02					.02	.07		
Cloudiness and other conditions	← Cloudy →																							
Sunrise: Time, Character	5.22 Cldy																				Sunset: Time, Character	5.49 Cldy		
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0.4	0.1	0	0	0	0						
Wind direction	E	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	S	S	S	SW	S	S	SE	S	S	S	S	S
Wind movement	6	6	9	9	8	10	11	11	10	11	11	11	13	12	10	8	8	11	7	7	8	13	14	14
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

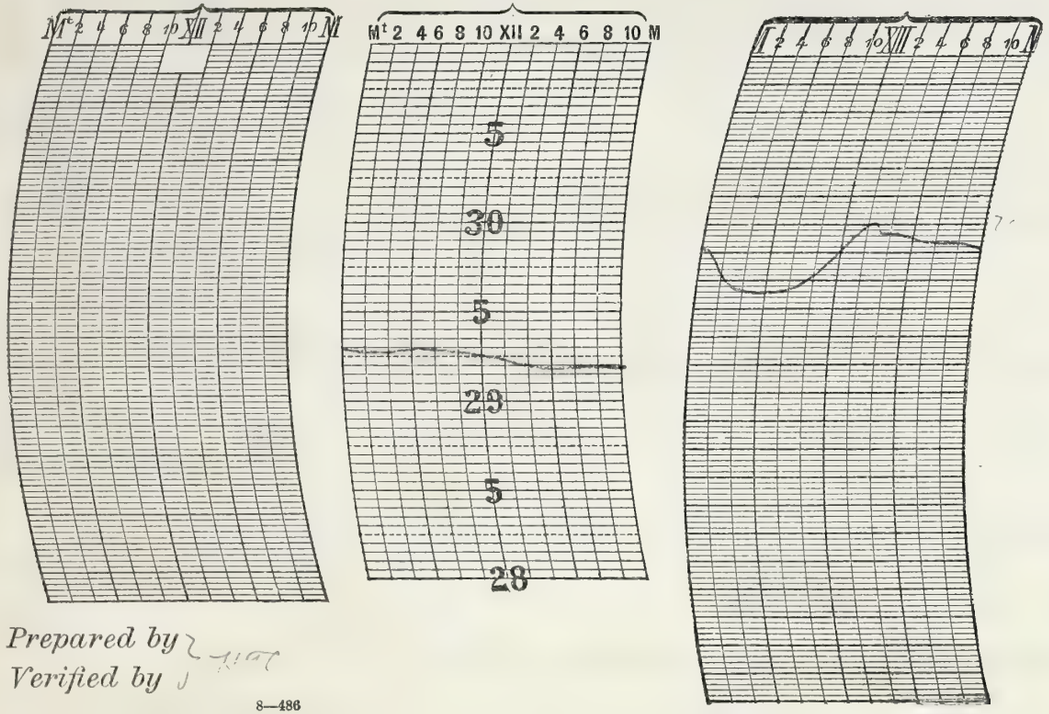
	Maximum.	Minimum.	Mean.	Normal.
	70	58	64	—

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .64 ins.; to 7 p. m., .07 ins.
Total precipitation, midnight to midnight, .80 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 9
Actual sunshine, hours, 0.5
Possible sunshine, hours, 12.4
Percentage of possible sunshine, 4
Prevailing direction SE
Total movement, 238
Average hourly velocity, 9.9

Maximum velocity,	Direction,	Time.
18	S	9.45 P.

Extreme velocity, 19
Relative humidity, 100 a. m. 88 p. m.
Reduced barometer, 30.22 a. m. 30.12 p. m.
River gage, 2.0

NOTES.



Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) SEP 17 1913, 191

Time (local standard), 90 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	66	66	66	66	66	66	67	67 R. B 7.20 E 8.00	67	67	68	70	66 R. B 12.15 E 12.25	70	67	67	66	64	62	61	60	60	60	59
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation								.01					T											
Cloudiness and other conditions	←									Cloudy									→	P.Cy →				
Sunrise: Time, 5.23 Character, Cldy																								
Sunset: Time, 6.47 Character, Cldy																								
Sunshine (in tenths of hours)			7			0	0	0	0	0	0	0.5	0.5	0.8	0.3	0.4	0	0						
Wind direction	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	NW	NW
Wind movement	13	13	13	15	14	12	14	14	13	12	12	13	10	10	9	11	13	9	8	9	6	6	7	7
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.
	70	59	64	—

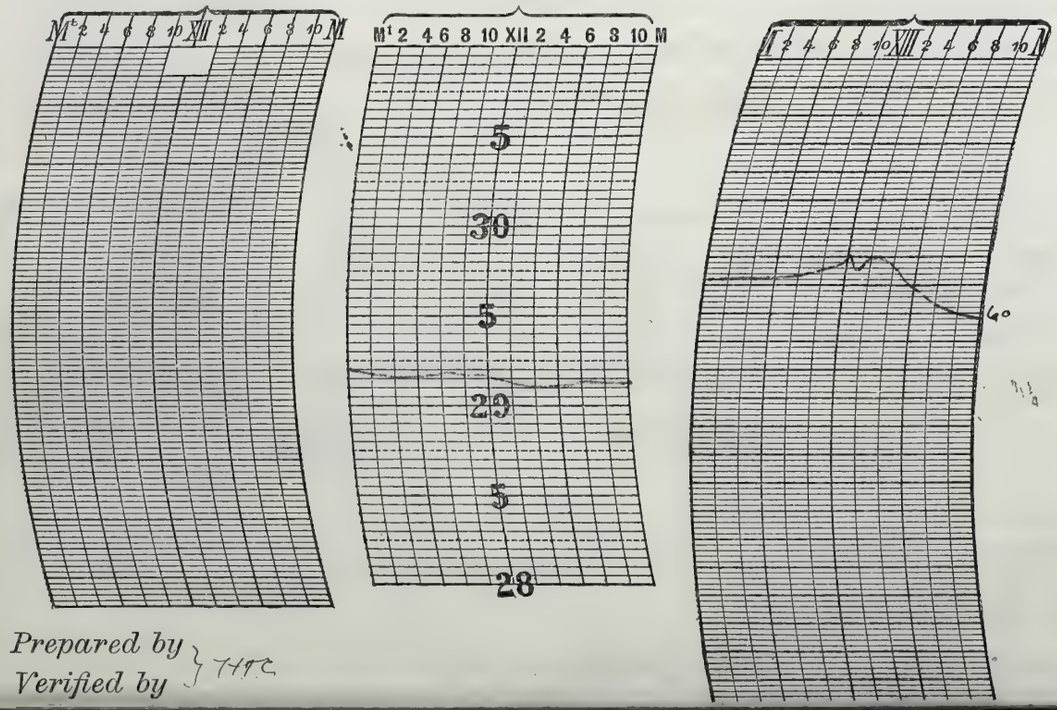
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .09 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 9
Actual sunshine, hours, 2.5
Possible sunshine, hours, 12.4
Percentage of possible sunshine, 20
Prevailing direction SW NW
Total movement, ~~276~~ 263
Average hourly velocity, ~~11.5~~ 10.8

Maximum velocity,	Direction,	Time.
16	NW	4:20 PM

Extreme velocity, ~~17~~

Relative humidity, 92 a. m. 87 p. m.
Reduced barometer, 30.08 a. m. 30.05 p. m.
River gage, 2.1

NOTES.



Prepared by
Verified by } THC

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) SEP 18 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	59	59	59	58	58	57	57	58	59	60	61	63	64	65	64	64	62	60	59	56	55	53	52	51
State of weather: Nature of precipitation and time of beginning and ending																•								
State of weather: Amounts of precipitation																								
State of weather: Cloudiness and other conditions						← Cloudy										P. Cldy →		Cldy →						
Sunrise: Time, Character	5.24 Cldy																							
Sunset: Time, Character																					5.46 Cldy			
Sunshine (in tenths of hours)						0	0	0	0.7	0.5	0.6	1.0	1.0	1.0	1.0	0.3	0	0						
Wind direction	N	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	5	5	9	8	7	6	8	10	13	13	9	9	10	10	8	10	10	8	8	7	6	6	6	6
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

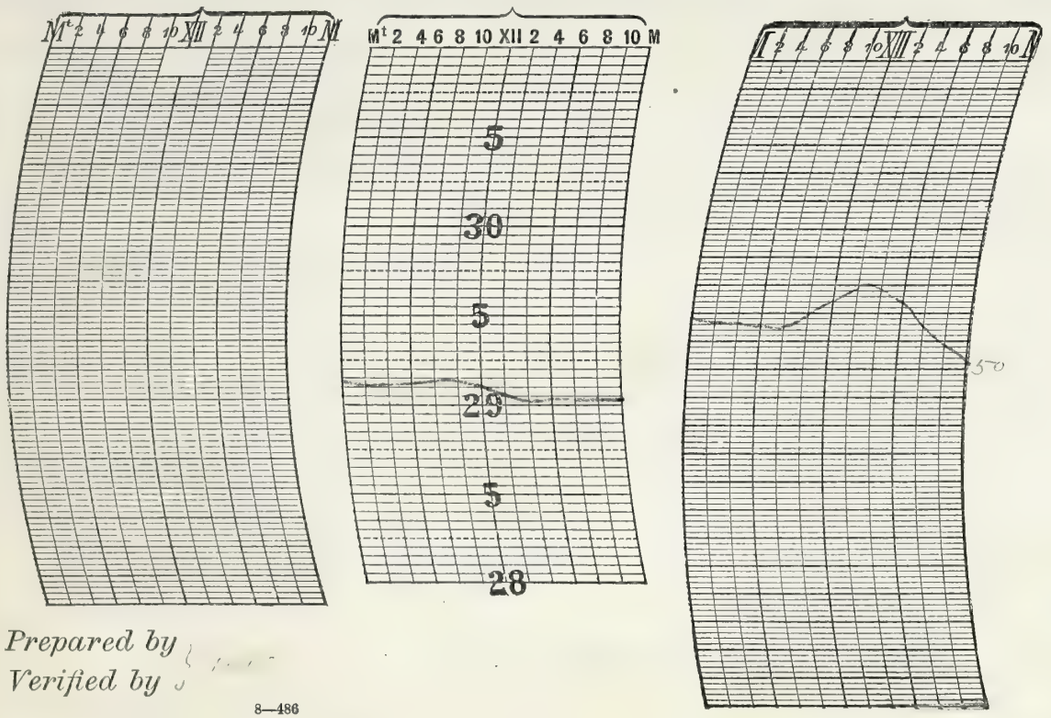
	Maximum.	Minimum.	Mean.	Normal.
	65	51	58	—

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10) 8
Actual sunshine, hours, 6.0
Possible sunshine, hours, 12.4
Percentage of possible sunshine, 48
Prevailing direction NE
Total movement, 197
Average hourly velocity, 8.2

Maximum velocity,	Direction,	Time.
15	NE	9:30 AM

Extreme velocity, 16
Relative humidity, 88 a. m. 75 p. m.
Reduced barometer, 30.06 a. m. 29.96 p. m.
River gage, 2.2

NOTES.



Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) [illegible] 1913, 191

Time (local standard) 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	51	51	50	50	49	48	51	56	60	63	65	69	70	70 (73)	72	71	70	68	66	63	62	61	61	61
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Clear						→		P. Cy		→	~~Cldy~~	→	← ~~Clear~~	→				
Sunrise: Time, Character,	5.26 Clear																				Sunset: Time, Character, 5.44 Cldy			
Sunshine (in tenths of hours)						.57 0	0.7 0.3	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.7	0.4	0	0						
Wind direction	NE	NE	NE	NE	NE	NE	NE	E	E	E	E	SE	SE	S	SE	SE	SE	SE	SE	E	E	E	E	E
Wind movement	6	4	5	4	4	4	4	5	7	6	5	6	4	5	4	4	2	4	6	8	7	6	3	5
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
73	48	60	—

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt. Cldy. Moon phase,
Average daily cloudiness (0-10) 6
Actual sunshine, hours, ~~9.7~~ 9.5
Possible sunshine, hours, 12.3
Percentage of possible sunshine, ~~76~~ 77
Prevailing direction E
Total movement, 118
Average hourly velocity, 4.9

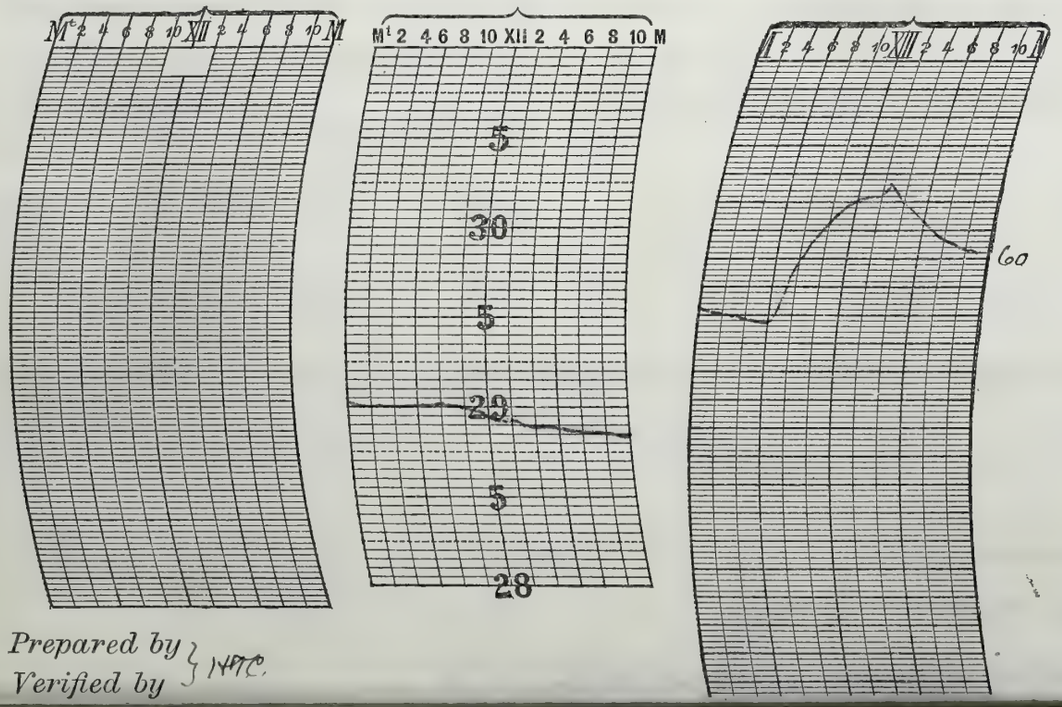
Maximum velocity,	Direction,	Time.
9	E	8.45 PM.

Extreme velocity, 9

	a. m.	p. m.
Relative humidity,	92	76
Reduced barometer,	29.95	29.81

River gage, 2.1

NOTES.



Prepared by
Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) [illegible] 20 1913, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	60	62	62	62	62	64	66	69	65	64	62	58	55	59	55	54	53	52	49	48	45	44	44
State of weather: Nature of precipitation and time of beginning and ending			R SN A		R SN A					R.B 905			R.E 1239											
State of weather: Amounts of precipitation			T	T	T					.06	.05	.10	.03											
State of weather: Cloudiness and other conditions						←				Cloudy												→		
Sunrise: Time 5.27, Character Cldy																					Sunset: Time 5.42, Character Cldy			
Sunshine (in tenths of hours)						0	0	0.5	0.7	0	0	0	0	0	0	0	0	0						
Wind direction	E	E	SE	SE	SE	SE	SE	SE	S	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	SW	SW	SW
Wind movement	4	4	5	8	9	8	10	12	14	15	16	14	21	22	20	17	17	14	14	16	14	19	13	13
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	69	44	56	

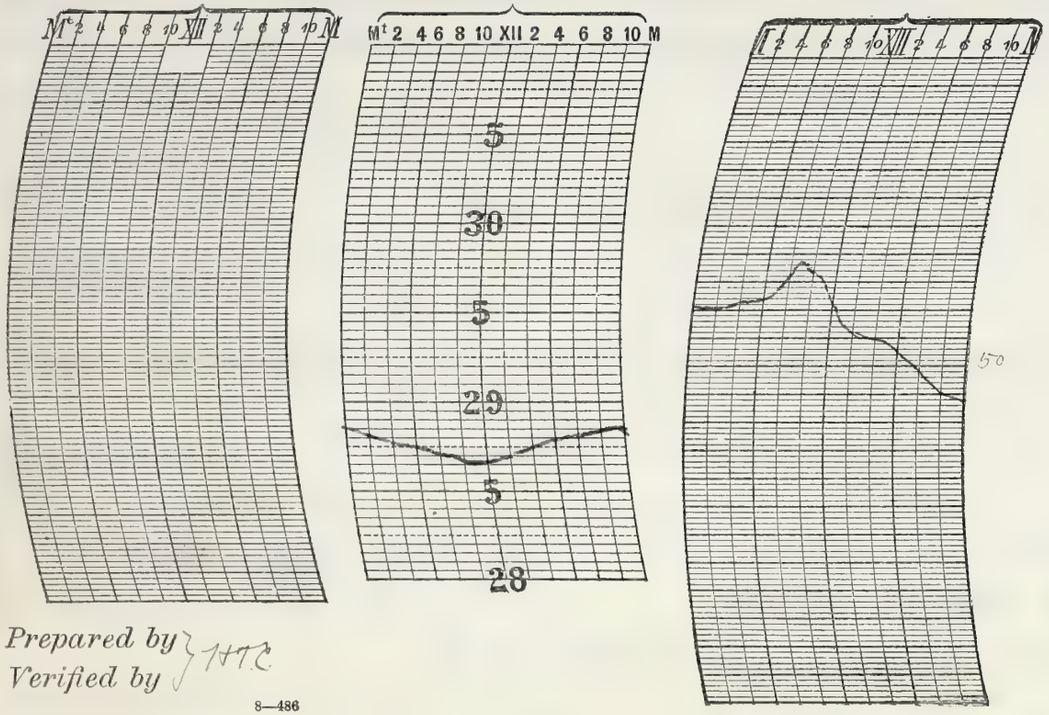
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., ____ inches.
Total snowfall, midnight to midnight, ____ inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., .24 ins.
Total precipitation, midnight to midnight, .24 inches.
Character of day, Cloudy Moon phase, ____
Average daily cloudiness (0-10) 9
Actual sunshine, hours, 1.2
Possible sunshine, hours, 12.2
Percentage of possible sunshine, 9
Prevailing direction SW
Total movement, ~~319~~ 321
Average hourly velocity, ~~13.3~~ 13.4

Maximum velocity,	Direction,	Time.
26	SW	12 0 P

Extreme velocity, 27

Relative humidity, 90 a. m. 77 p. m.
Reduced barometer, 29.62 a. m. 29.71 p. m.
River gage, 2.1

NOTES.



Prepared by [illegible]
Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) SEP 21 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	44	44	44	43	42	43	45	46	46	48	50	51	50	48	49	48	48	47	46	44	43	43	42	42
State of weather: Nature of precipitation and time of beginning and ending			R B 2 00 A M R E 8 00 A M																		R. B 8 00 P M R. E 9.00 P M			
State of weather: Amounts of precipitation																					T			
State of weather: Cloudiness and other conditions						← Cloudy																		→
Sunrise: Time 5.27, Character Cldy																					Sunset: Time 5.41, Character Cldy			
Sunshine (in tenths of hours)						0	0	0	6	0	10	10	0.6	0.2	0	0	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	W	W	W	W	W	W	SW	W	SW
Wind movement	11	13	11	12	10	7	11	13	14	15	16	16	18	14	12	10	7	10	9	10	10	10	9	8
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	51	42	46	—

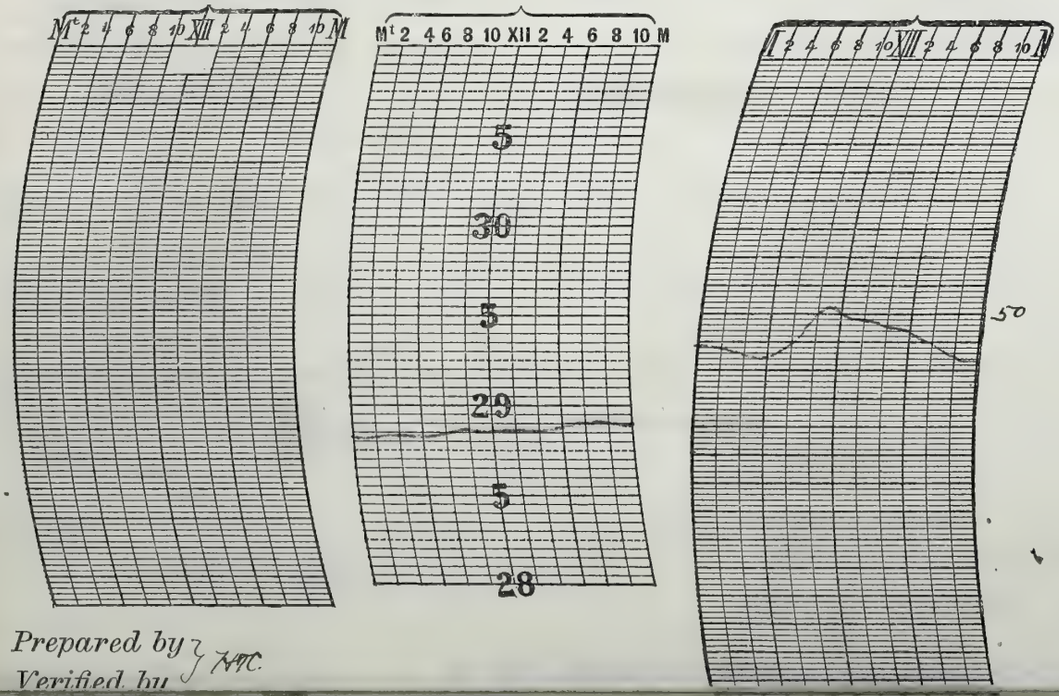
Total depth of snow for 24 hours ending 7 p. m., ____ inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase, ____
Average daily cloudiness (0-10) 9
Actual sunshine, hours, 2.8
Possible sunshine, hours, 12.2
Percentage of possible sunshine, 23
Prevailing direction SW
Total movement, 276
Average hourly velocity, 11.5

Maximum velocity,	Direction,	Time.
23	SW	10 25 A.M

Extreme velocity, 26

Relative humidity, 86 a. m. 84 p. m.
Reduced barometer, 29.76 a. m. 29.81 p. m.
River gage, 2.2

NOTES.



Prepared by J. MAC.
Verified by

Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) SEP 22 1913, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	41	41	41	41	40	41	41	42	46	46	46	45	47	48	47	46	46	46	43	41	39	38	37
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Cloudy →			← P. Cy →			←	← Cloudy →							→	← Clear →			
Sunrise: Time, 5.28 Character, Cldy																					Sunset: Time, 5.39 Character, Cldy			
Sunshine (in tenths of hours)						0	0	0	0.6	1.0	0.9	0.4	0	0	0	0	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	W	W	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	W	W	W
Wind movement	10	11	10	11	11	12	14	15	14	16	16	15	15	14	11	12	9	7	5	4	5	4	6	5
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

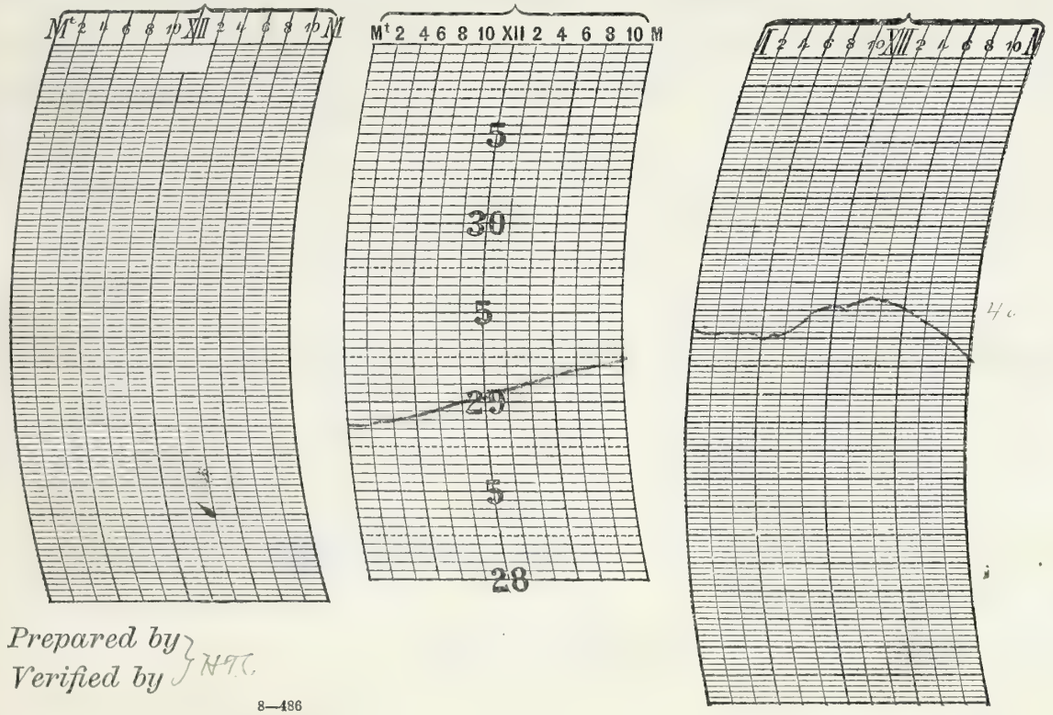
Maximum.	Minimum.	Mean.	Normal.
48	37.0	42	—

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 8
Actual sunshine, hours, 2.9
Possible sunshine, hours, 12.2
Percentage of possible sunshine, 24
Prevailing direction SW
Total movement, 252
Average hourly velocity, 10.5

Maximum velocity,	Direction,	Time.
19	SW	16.00 P.M.

Extreme velocity, 26

Relative humidity, 79 a. m. 69 p. m.
Reduced barometer, 29.91 a. m. 30.12 p. m.
River gage, 2.2 ft



Prepared by
Verified by JNH.

8—486

NOTES.

The skies cleared between 6.00 and 7.00 P.M., and the evening was clear and cold.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) SEP 28 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	37	36	36	36	36 (34)	36	40	46	48	51	55	57	60	63	64	64	64	61	61	59	57	54	54	53
State of weather: Nature of precipitation and time of beginning and ending										R. B 9⁰⁰ E 10⁰⁰														
State of weather: Amounts of precipitation										T														
State of weather: Cloudiness and other conditions							← Pt. Cldy												→ Clear →					
Sunrise: Time, Character	5.29 Clear																				Sunset: Time, Character	5.37 Cldy		
Sunshine (in tenths of hours)						0	0.2	0.5	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0.4	0.2	0						
Wind direction	W	W	W	W	W	W	SW	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	E	E	E
Wind movement	4	5	3	2	2	4	4	4	10	8	8	7	9	9	8	9	7	7	8	7	5	6	5	4
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration: From—	To—	Total amount of precipitation.	Excessive rate: Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below: 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	64	34	49	

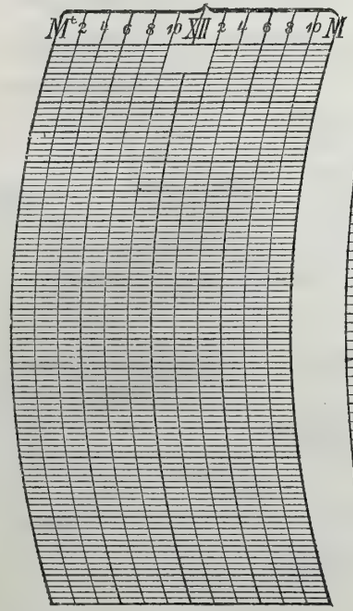
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt. Cldy Moon phase, Last Quarter
Average daily cloudiness (0–10) 7
Actual sunshine, hours, 9.1
Possible sunshine, hours, 12.1
Percentage of possible sunshine, 75
Prevailing direction SE
Total movement, 145
Average hourly velocity, 6.0

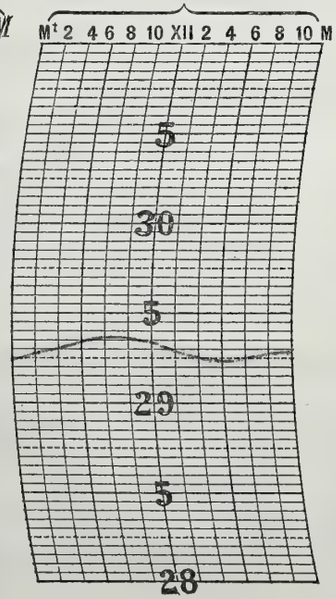
Maximum velocity,	Direction,	Time.
12	SE	9⁵⁰ A.

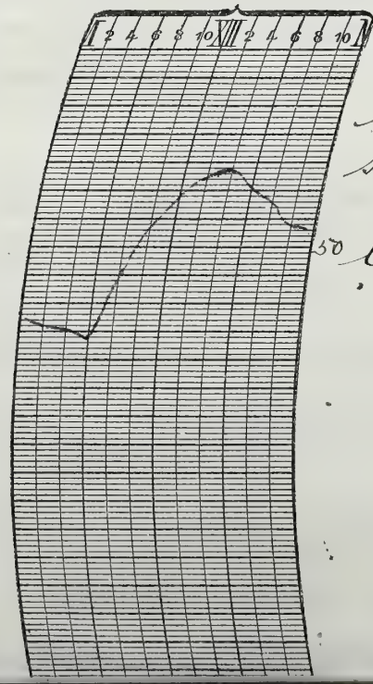
Extreme velocity, 12

	a. m.	p. m.
Relative humidity,	75	66
Reduced barometer,	30.34	30.17

River gage, 2.2







NOTES.

Killing frosts occurred in morning, although the monitor in the shelter only showed 34° as lowest.
Some light rain at intervals in evening.

Prepared by
Verified by } N.T.C.

Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) SEP 24 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	12-1 A.M.	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1 P.M.	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	56	56	56	56	56	57	63	69	73	75	77	80	79	79	79	75	71	69	67	66	64	63	62
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						← Cldy		→ ← P.		Cldy →			← Cldy		Clear →									
Sunshine (in tenths of hours)						0	0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0						
Wind direction	SE	SE	SE	S	S	S	S	S	SW	SW	SW	SW	S	S	S	S	S	S	S	S	S	S	S	S
Wind movement	4	6	8	9	8	9	8	10	12	14	19	17	17	17	16	14	12	10	9	10	10	9	8	8

Sunrise: Time, 530 Character, Cldy

Sunset: Time, 536 Character, Clear

Maximum velocities (exceeding 27 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	80	53	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, T inches.

Character of day, Pt. Cldy Moon phase,

Average daily cloudiness (0-10) 4

Actual sunshine, hours, 10.4

Possible sunshine, hours, 12.1

Percentage of possible sunshine, 85

Prevailing direction S

Total movement, 264

Average hourly velocity, 11.0

Maximum velocity, 22 Direction, SW Time, 10.45 P.M.

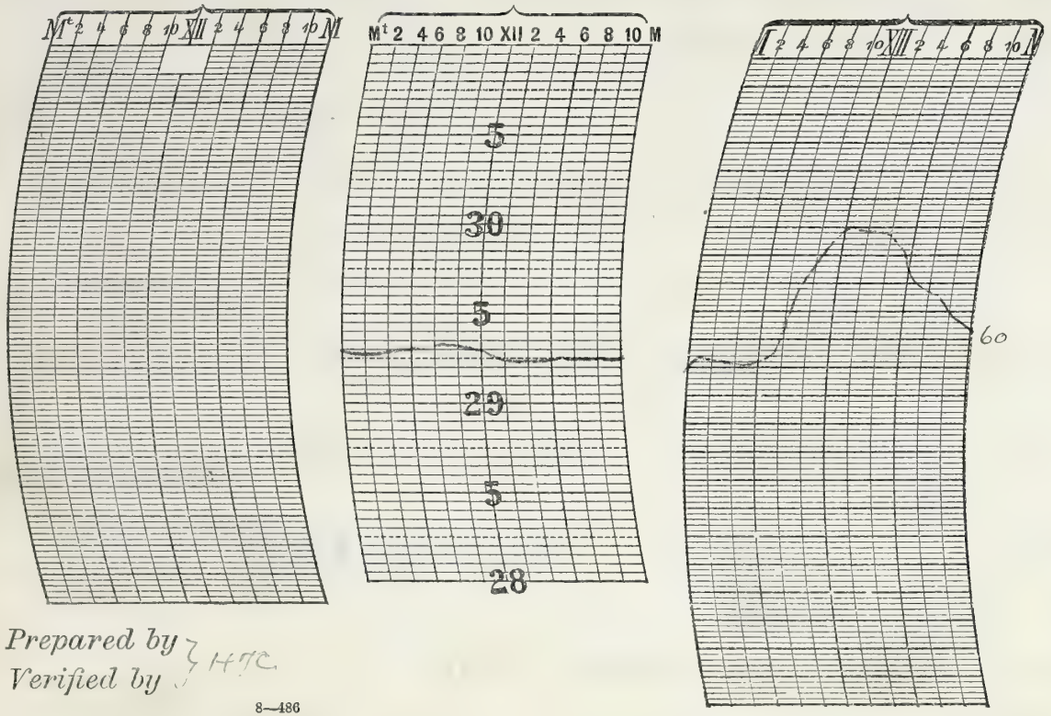
Extreme velocity, 27

Relative humidity, 62 a. m. 54 p. m.

Reduced barometer, 30.25 a. m. 30.16 p. m.

River gage, 2.2

NOTES.



Prepared by

Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) SEP 2 4 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	60	59	58	57	56	54	57	65	71	75	76	77	76	78	76	77	75	71	67	66	65	63	62	61
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					←	←	←	←	←	←	Clear	→	→	→	→	→	P. Cy	→	→	Clear	→	→	→	→
Sunrise: Time, Character,	5.31 Clear																							
Sunset: Time, Character,																					5.34 Clear			
Sunshine (in tenths of hours)						0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4	0					
Wind direction	S	S	S	S	S	S	S	S	SW	SW	SW	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	8	6	4	5	5	7	10	10	11	13	21	16	19	17	18	16	12	9	8	9	10	10	9	9
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum 78 — Minimum 54 — Mean 66 — Normal —

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Clear — Moon phase,

Average daily cloudiness (0–10) 2

Actual sunshine, hours, 12.0

Possible sunshine, hours, 12.0

Percentage of possible sunshine, 100

Prevailing direction SW

Total movement, 264

Average hourly velocity, 11.0

Maximum velocity,	Direction,	Time.
24	SW	10.35 a. m.

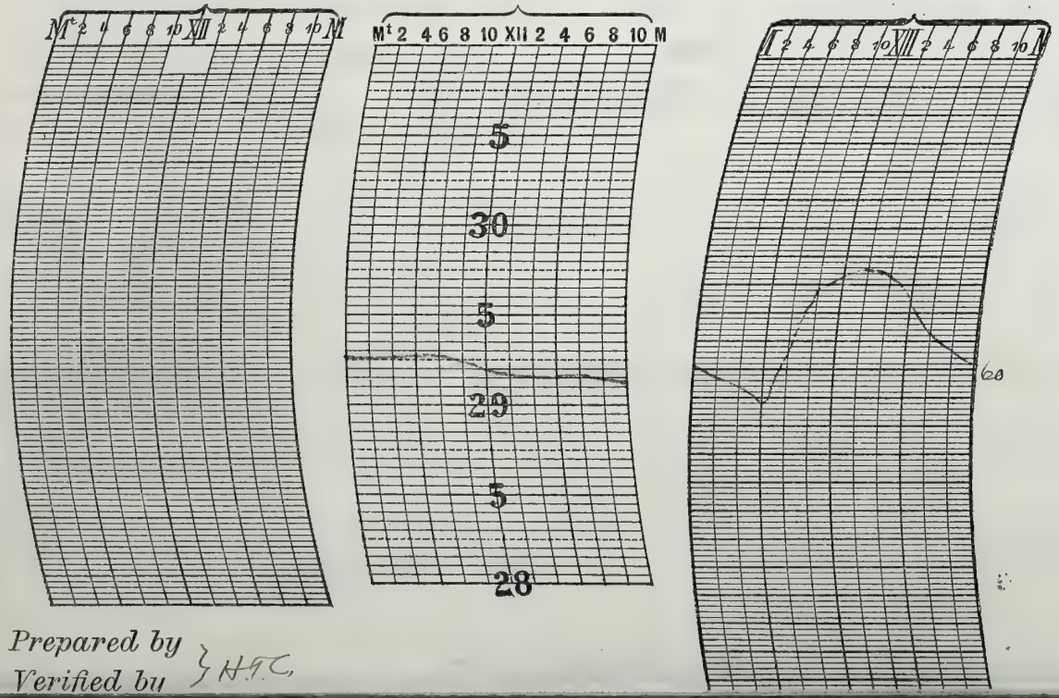
Extreme velocity, 24

Relative humidity, 73 a. m. 65 p. m.

Reduced barometer, 30.19 a. m. 30.08 p. m.

River gage, 2.2 ft

NOTES.



Prepared by

Verified by HHC

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) SEP 2 1913, 191

Time (local standard), 90 mer. — ____/____ hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	60	60	61	55 RB 4.45	54	53	53 RE 7.45	53	54	56	56	57	58	55	56	55	52	51	49	48	47	46	45
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation					T	T	.02	.01																
Cloudiness and other conditions				←				Cloudy					★		Pt Cldy + clear									
Sunrise: Time, Character	5.32 Cloudy																				Sunset: Time, Character			
Sunshine (in tenths of hours)						0	0	0	6	0	0.2	0.9	1.0	1.0	1.0	0.1	.45 0.2	.53 0			5.32 Clear			
Wind direction	SW	SW	SW	W	NW	NW	NW	NW	NW	NW	W	W	WV	WV	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	9	8	8	8	11	8	9	9	10	10	10	11	13	11	12	10	10	6	7	7	5	5	3	2
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

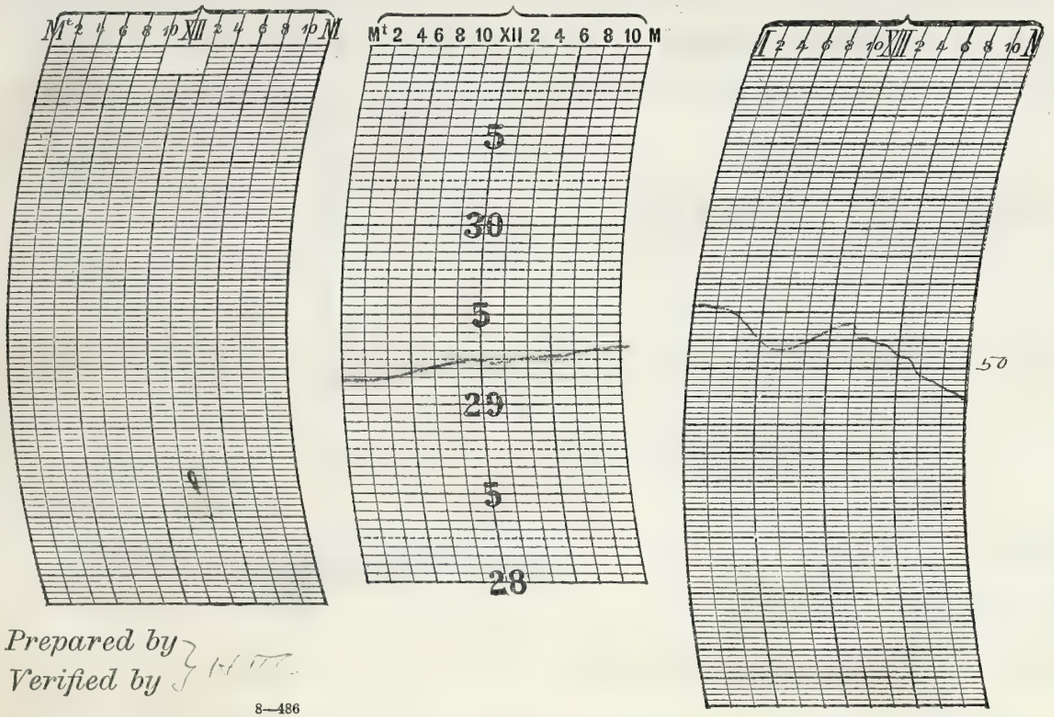
	Maximum.	Minimum.	Mean.	Normal.
	61	45	53	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .02 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .03 inches.
Character of day, Pt Cldy Moon phase,
Average daily cloudiness (0-10) 6
Actual sunshine, hours, ~~5.3~~ ~~5.4~~ ~~5.5~~ 5.4
Possible sunshine, hours, 12.0
Percentage of possible sunshine, ~~45~~ 45
Prevailing direction NW
Total movement, 202
Average hourly velocity, 8.4

Maximum velocity,	Direction,	Time.
14	W	12.15 p.m

Extreme velocity, 17
Relative humidity, 94 a. m. 80 p. m.
Reduced barometer, 30.09 a. m. 30.20 p. m.
River gage, 2.2 ft

NOTES.



Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) SEP 27 1913, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	42	42	41	40	41	46	51	55	57	58	62	64	65	64	65	64	63	59	57	55	52	48	47
State of weather: Nature of precipitation and time of beginning and ending																			RB 6.30	RE 7.10			RB 10.15	
State of weather: Amounts of precipitation																			T	T			.03	.10
State of weather: Cloudiness and other conditions							Clear								Clear									
Sunrise: Time, Character			5.33 Clear																					
Sunset: Time, Character																					5.30 Clear			
Sunshine (in tenths of hours)						.45 0	0.8 0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.4 0.6	.50 0						
Wind direction	NW	NW	NW	NW	NW	W	W	W	SW	NW	NE	NE	NE	NE	NE	E	E	E	E	E	E	E	E	E
Wind movement	2	4	3	1	4	3	2	3	5	5	5	5	4	5	5	4	3	2	4	2	2	2	1	4

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	66	40	53	

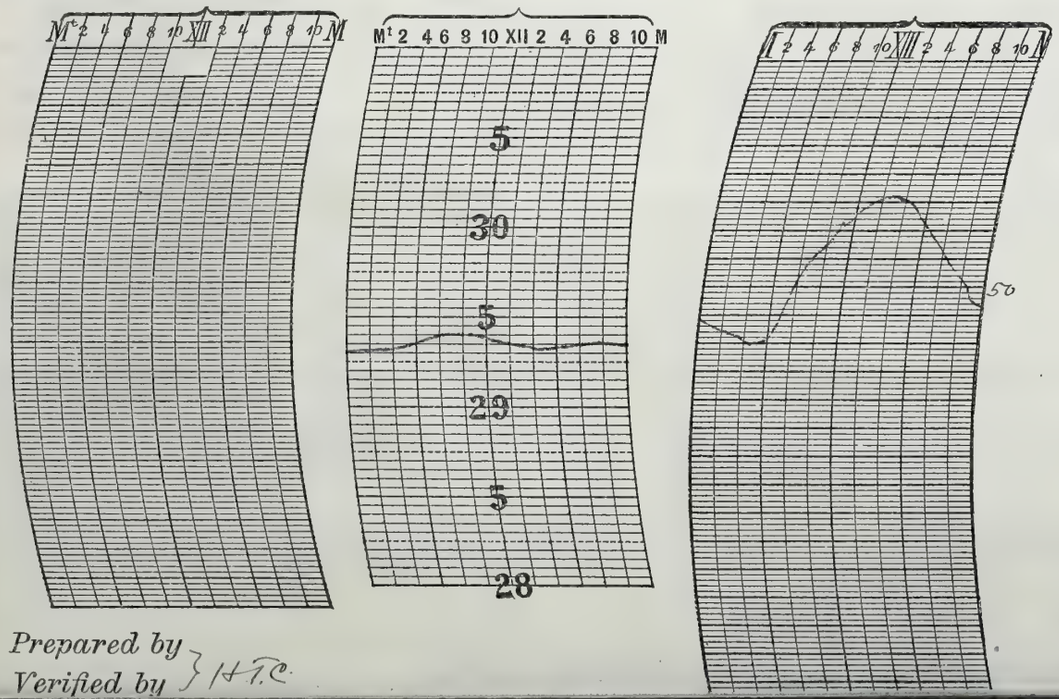
Total depth of snow for 24 hours ending 1 p. m., 0 inches.
Snow on ground 1 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 0
Actual sunshine, hours, 12.0
Possible sunshine, hours, 12.0
Percentage of possible sunshine, 100
Prevailing direction E
Total movement, 90
Average hourly velocity, 3.8

Maximum velocity,	Direction,	Time.
9	~~E~~ N	10.12 a.m.

Extreme velocity, 9

Relative humidity, 80 a. m. 60 p. m.
Reduced barometer, 30.32 a. m. 30.27 p. m.
River gage, 2.3 ft.

NOTES.



Prepared by
Verified by } H.T.C.

Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) SEP 29 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	46	44	44	41	42	45	55 62	62 65	65	68	69	70	70	70	70	68	67	65	65	64	64	62	60
State of weather: Nature of precipitation and time of beginning and ending																			RB 6.30	RE 7.10			RB 10.15	
Amounts of precipitation																			T	T			.03	.10
Cloudiness and other conditions						— Clear —							× Cloudy											
Sunrise: Time, Character,	5.35 Clear																				Sunset: Time, Character,		5.29 Cloudy	
Sunshine (in tenths of hours)						0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	0.6	0	0	0	0						
Wind direction	E	E	E	E	E	E	E	E	SE	S E	SE	S	SW	SW	SW	SW	SW	S	SW	SW	SW	S	S	SW
Wind movement	5	3	3	4	3	4	3	3	5	9	9	7	7	7	4	2	1	3	3	4	2	2	4	6
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	70	41	56	

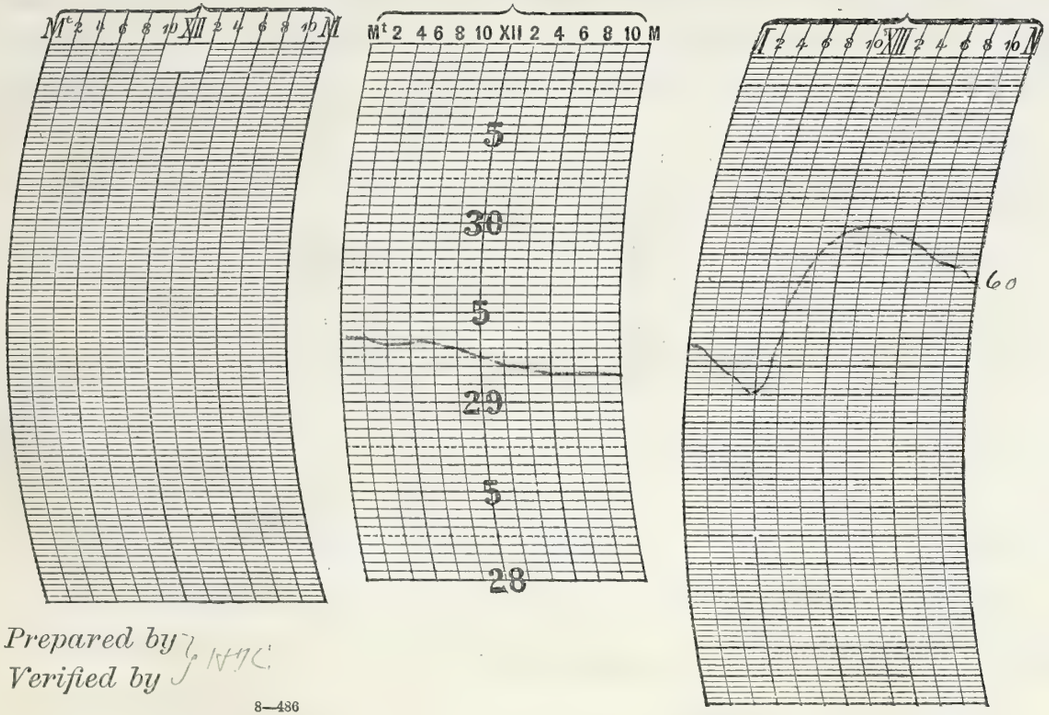
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .13 inches.
Character of day, P.Cloudy Moon phase,
Average daily cloudiness (0-10) 6
Actual sunshine, hours, 8.9
Possible sunshine, hours, 13.4
Percentage of possible sunshine, 67
Prevailing direction E. S
Total movement, 103
Average hourly velocity, 4.3

Maximum velocity,	Direction,	Time.
11	SE	10.33 a.m.

Extreme velocity, 11

Relative humidity, 87 a. m. 87 p. m.
Reduced barometer, 30.26 a. m. 30.08 p. m.
River gage, 2.3 ft.

NOTES.



Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

SEP 29 1913

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) _____, 191

Time (local standard) 90 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	60	60	60	60	60	60	60	62 RE 745	63	65	66	67	67	68	69	70	69	67	66	65	64	63	62	61
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation	.05	.04	.01	T	T	T	.01	.01																
Cloudiness and other conditions								Cloudy						Cloudy										
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0.2	0	0	0	0						
Wind direction	SW	SW	S	S	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	NE	NE	NE	NE	E	NE	NE	NE	NE	NE
Wind movement	3	2	1	2	3	3	3	2	3	3	3	3	2	4	3	3	4	5	4	4	5	3	1	2
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time 5.36, Character Cloudy

Sunset: Time 5.27, Character Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
	~~4.40p~~	~~7.15p~~	~~.22~~	~~5.02p~~	~~5.26p~~	.10	.05	.21	~~.51~~	~~.85~~	~~.92~~									

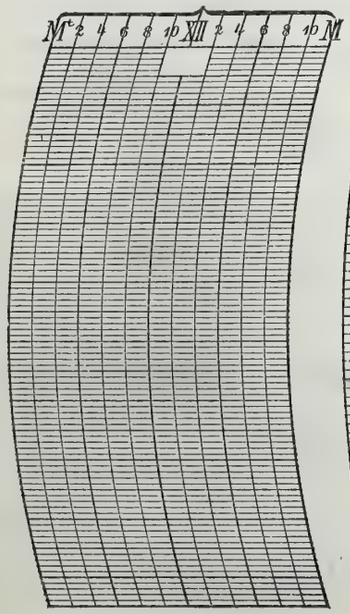
1 hours slower than 75th meridian time.

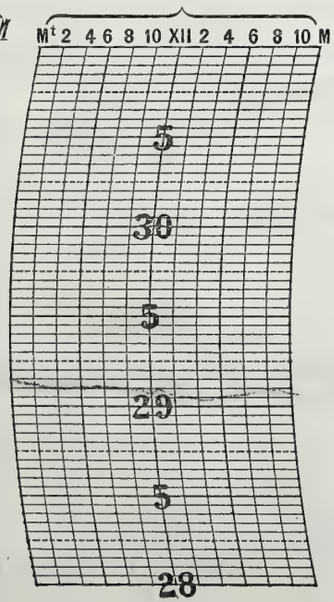
Maximum.	Minimum.	Mean.	Normal.
70	60	65	

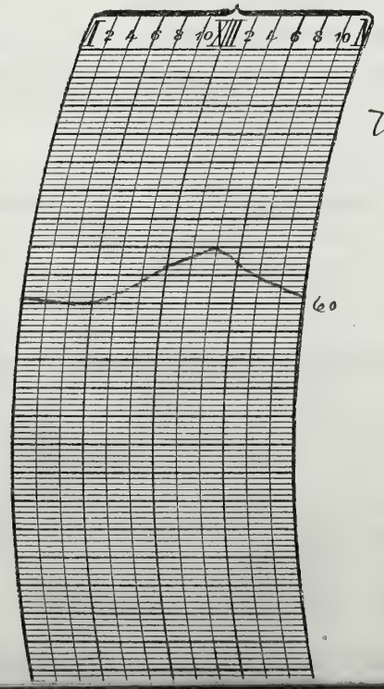
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .24 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .12 inches.
Character of day, Cloudy Moon phase, New Moon
Average daily cloudiness (0-10) 10
Actual sunshine, hours, 0.2
Possible sunshine, hours, 11.8
Percentage of possible sunshine, 2
Prevailing direction ~~NE~~ SE
Total movement, 71
Average hourly velocity, 3.0

Maximum velocity,	Direction,	Time.
6	NE	5.05 p.m.

Extreme velocity, 6
Relative humidity, 100 a. m. 95 p. m.
Reduced barometer, 30.01 a. m. 29.97 p. m.
River gage, 2.4 ft.







NOTES.

Light fog prevailed during the early morning and lifted at 10.00 a.m.

Prepared by _____
Verified by J.H.T.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) Sept 30 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	61	60	60	61	61	60	62	62	62	63	65	67	71	74	74	73	58	60	60	58	58	57	56	57
State of weather: Nature of precipitation and time of beginning and ending																	RB 4:40	NB RE 5:10 4:50		RE 7:15				
State of weather: Amounts of precipitation																	.08	.06	.07	.01				
State of weather: Cloudiness and other conditions							Cloudy							× Rcldy ×			Cldy							
Sunshine (in tenths of hours)						0	0	0	0	0.1	0	0	0.7	1.0	1.0	0.2	0	0						
Wind direction	NE	NE	NE	NE	NE	NE	E	E	E	E	E	E	SE	E	E	E	E	NW	N	NE	NE	E	E	E
Wind movement	3	3	4	2	3	3	3	1	3	4	2	4	4	5	5	5	5	13	7	5	2	3	1	1

Sunrise: Time, 5.37 Character, Cloudy

Sunset: Time, 5.25 Character, Cloudy

Maximum velocities (exceeding 20 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts 4.40p	7.15p	1.22	5.02p	5.26p	.10	.05	.21	.57	.85	.93									

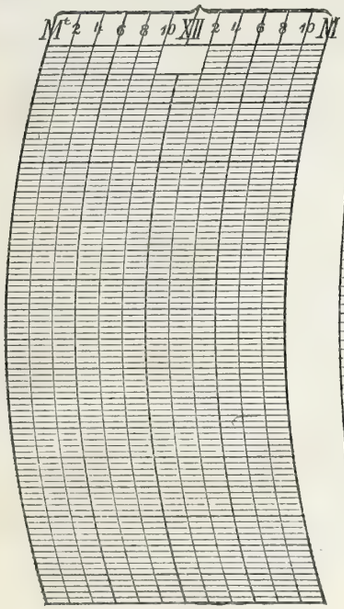
Maximum.	Minimum.	Mean.	Normal.
74	56	65	

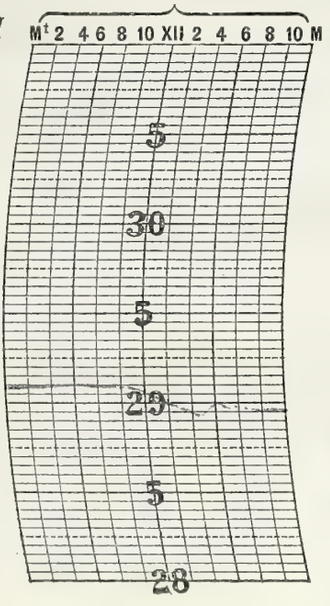
Total depth of snow for 24 hours ending 1 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .121 ins.
Total precipitation, midnight to midnight, 122 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10), 8
Actual sunshine, hours, 2.9 3.0
Possible sunshine, hours, 11.8
Percentage of possible sunshine, 25
Prevailing direction, E
Total movement, 91
Average hourly velocity, 38

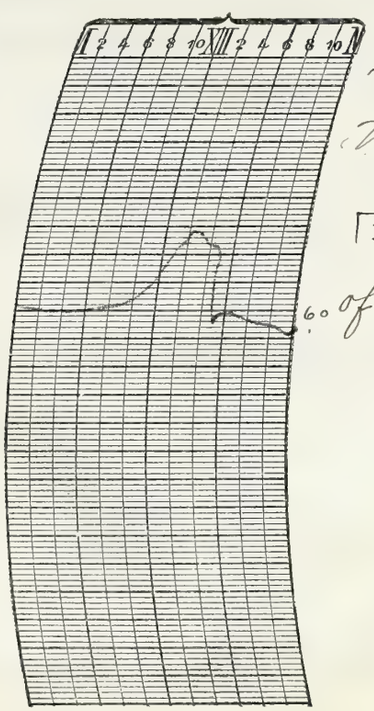
Maximum velocity,	Direction,	Time.
21	W	5.15 p m.

Extreme velocity, 23

Relative humidity, 100 a. m. 100 p. m.
Reduced barometer, 30.00 a. m. 29.89 p. m.
River gage, 2.6 ft







NOTES.

Dense fog prevailed during the early morning and it lifted at 9.30 A.M.

at 4.35 pm accompanied by a heavy downpour of rain and some hail

Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) OCT 1 1913, 191

Time (local standard), 90 mer. ____ hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	55	55	54	54	53	56	58	60	62	63	64	69	70	68	67	66	65	64	63	62	60	60	59
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Prcldy					Pt Cloudy											
Sunrise: Time, 538 Character, Cloudy																								
Sunset: Time, 523 Character, Cloudy																								
Sunshine (in tenths of hours)						0	0	0.2	0.7	1.0	0.8	0.7	1.0	1.0	0.2	0	0	0						
Wind direction	SW	SW	SW	SW	NW	W	W	NW	NW	NW	NW	NW	W	W	NW	W	W	W	W	W	SW	SW	SW	SW
Wind movement	4	6	6	4	5	6	6	9	9	8	8	8	7	8	9	7	6	6	7	8	10	9	11	12
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum 70 Minimum 54 Mean 62 Normal.

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .01 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, Prcldy Moon phase,

Average daily cloudiness (0-10) 5

Actual sunshine, hours, 5.6

Possible sunshine, hours, 11.8

Percentage of possible sunshine, 47

Prevailing direction W

Total movement, 179

Average hourly velocity, 7.5

Maximum velocity, 12 Direction, SW Time, 9.58 PM

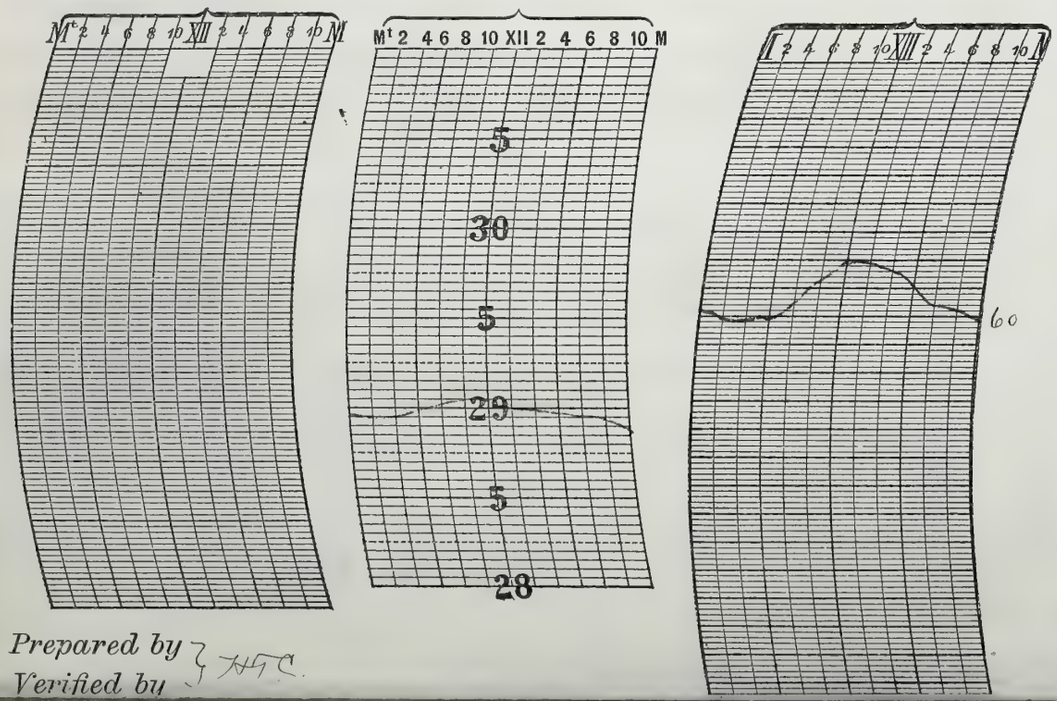
Extreme velocity, 13

Relative humidity, 100 a. m. 79 p. m.

Reduced barometer, 29.91 a. m. 29.89 p. m.

River gage, 2.8 ft.

NOTES.



Prepared by
Verified by

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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) OCT 2 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	58	58	58	59	57	55	55	57	59	61	62	61	61	53	58	59	58	57	56	55	55	55	54	52
Nature of precipitation and time of beginning and ending			RB DN RE DN										RB 12.15		RE 2.40									
Amounts of precipitation			.02										T	T	T									
State of weather: Cloudiness and other conditions						Clear					×	Pt Cldy	×		Cldy									
Sunrise: Time, 5.39 Character, Clear																					Sunset: Time, 5.22 Character, Cloudy			
Sunshine (in tenths of hours)						0	0	6	1.0	1.0	1.0	0.9	0.8	0	0	0	0	0						0
Wind direction	SW	SW	SW	W	NW	NW	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N
Wind movement	11	9	9	11	14	14	11	15	20	24	27	27	25	21	16	22	24	22	21	17	18	15	12	9
Maximum velocities (exceeding 29 miles) direction and time											35 NW 10.45	34 NW 11.50	31 NW 12.40				30 NW 4.15							

Total duration: From— To— | Total amount of precipitation | Excessive rate: Began— Ended— | Amount before excessive began | Accumulated depths during excessive rate, for consecutive periods of time indicated below: 5 min. 10 min. 15 min. 20 min. 25 min. 30 min. 35 min. 40 min. 45 min. 50 min. 60 min. 80 min. 100 min. 120 min.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	62	52	57	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .02 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Cldy Moon phase,
Average daily cloudiness (0-10) 4
Actual sunshine, hours, 7.0
Possible sunshine, hours, 11.7
Percentage of possible sunshine, 60
Prevailing direction NW
Total movement, 412
Average hourly velocity, 17.2

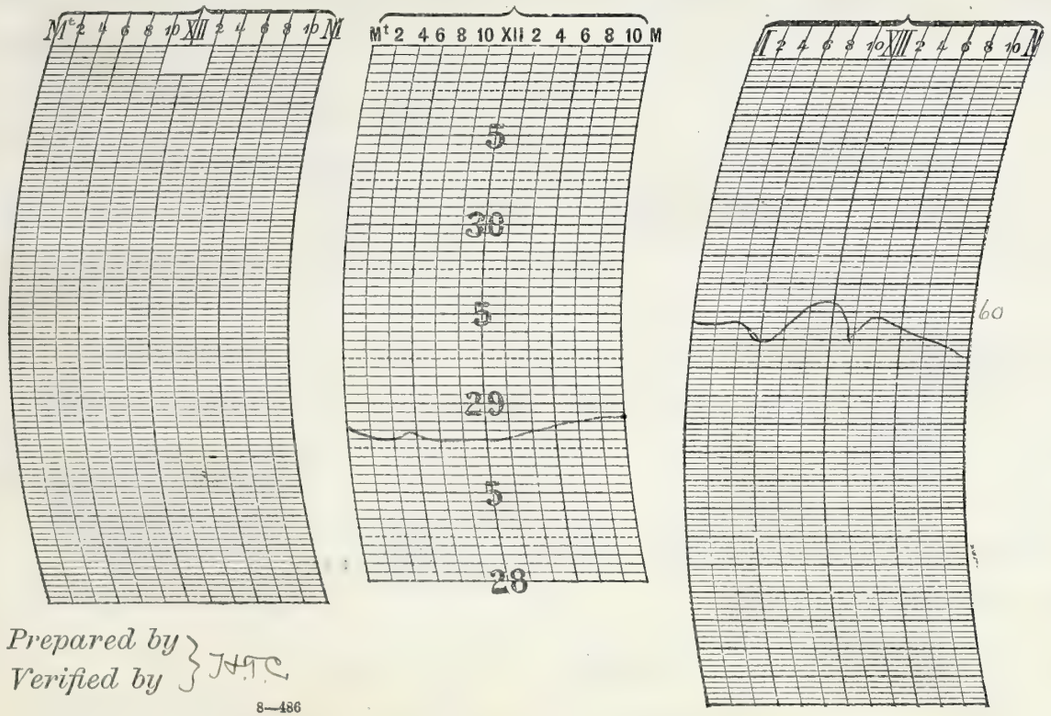
Maximum velocity,	Direction,	Time.
35	NW	10.45 AM.

Extreme velocity, 38

	a. m.	p. m.
Relative humidity,	86	83
Reduced barometer,	29.71	29.81

River gage, 3.3 ft

NOTES.



Prepared by
Verified by } JHTC

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) OCT 8 1915, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	52	52	51	50	50	49	50	50	51	55	57	62	65	67	68	68	67	65	61	59	58	56	54	52
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Cldy				Clear	Clear											
Sunrise: Time 5.40, Character Cloudy / Sunset: Time 5.20, Character Clear																								
Sunshine (in tenths of hours)				7		0	0	0	0	06	10	1.0	1.0	1.0	1.0	1.0	0.4 / 0.6	.33 / 0						
Wind direction	N	NW	N	N	N	N	N	NW	NW	N	NW	NW	NW	NW	NW	NW	NW	NW	O	NW	W	W	W	W
Wind movement	11	13	11	7	7	5	6	5	5	3	5	5	6	6	6	6	4	3	0	1	3	3	3	4
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	68	49 ~~50~~	~~54~~ 58	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10) 3
Actual sunshine, hours, 7.4
Possible sunshine, hours, 11.7
Percentage of possible sunshine, 68
Prevailing direction NW
Total movement, 128
Average hourly velocity, 5.3

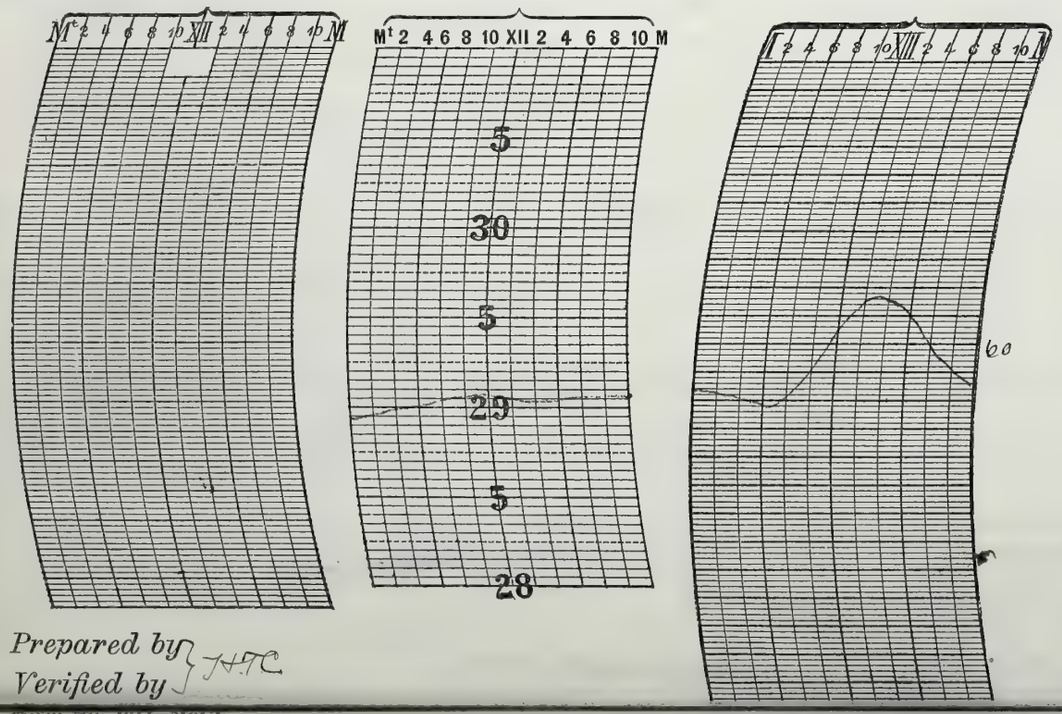
Maximum velocity,	Direction,	Time.
15	NW	1.23 A.M.

Extreme velocity, 15

	a. m.	p. m.
Relative humidity,	84	68
Reduced barometer,	29.97	29.91

River gage, 3.5 ft.

NOTES.



Prepared by JHTC
Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) OCT 4 1913, 191

Time (local standard), 90 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	51	50	49	48	46	50	55	60	68	71	73	75	77	78	76	75	72	67	65	64	63	62	60
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions									Clear						Clear									
Sunrise: Time, 5.41 Character, Clear																					Sunset: Time, 5.19 Character, Clear			
Sunshine (in tenths of hours)						.32 0	0.7 0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.6 0.3	.32 0						
Wind direction	W	W	W	W	W	W	W	W	SW	SW	S	S	S	S	S	SE	SE	SE	SE	SE	SE	SE	SE	SE
Wind movement	3	4	4	5	5	6	5	4	6	7	7	8	9	7	7	7	5	4	6	9	9	10	9	9
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.
	78	~~48~~ 46	~~63~~ 62	

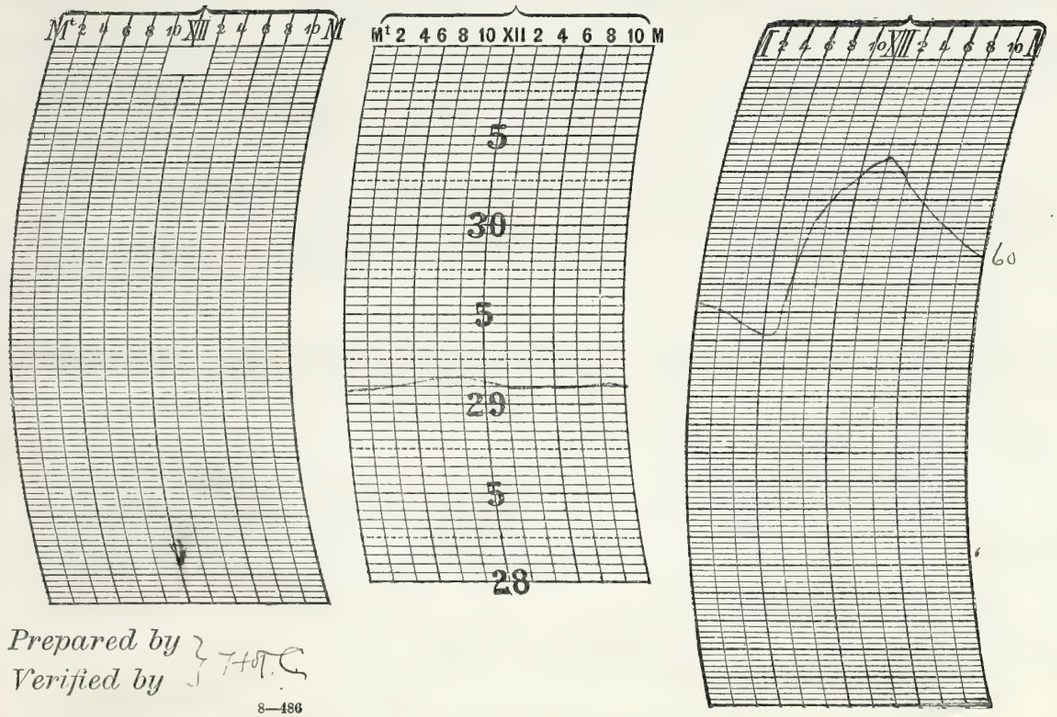
Total depth of snow for 24 hours ending 7 p. m., 0 inche
Snow on ground 7 p. m., 0 inches.
Total snowfall; midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 1
Actual sunshine, hours, 11.3
Possible sunshine, hours, 11.6
Percentage of possible sunshine, 97
Prevailing direction SE
Total movement, 155
Average hourly velocity, 6.5

Maximum velocity,	Direction,	Time.
12	S	12.25 PM

Extreme velocity, 12

Relative humidity, 83 a. m. ~~48~~ 50 p. m.
Reduced barometer, 30.05 a. m. 29.99 p. m.
River gage, 3.2 ft.

NOTES.



Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) OCT 5 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	60	58	58	56	54	54	55	61	66	73	75	77	78	78	76	73	70	68	66	65	65	65	65	65
State of weather: Nature of precipitation and time of beginning and ending															RB 2.20		RE 4.15							
Amounts of precipitation															T	T	.01							
Cloudiness and other conditions									Clear				×	Cloudy										
Sunrise: Time, 5.42. Character, Clear																					Sunset: Time, 5.17. Character, Cloudy			
Sunshine (in tenths of hours)						0	0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0	0	0	0						
Wind direction	SE	SE	SE	S	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S
Wind movement	9	9	8	8	7	6	8	11	10	10	11	12	14	11	7	5	6	6	8	7	8	4	5	3

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

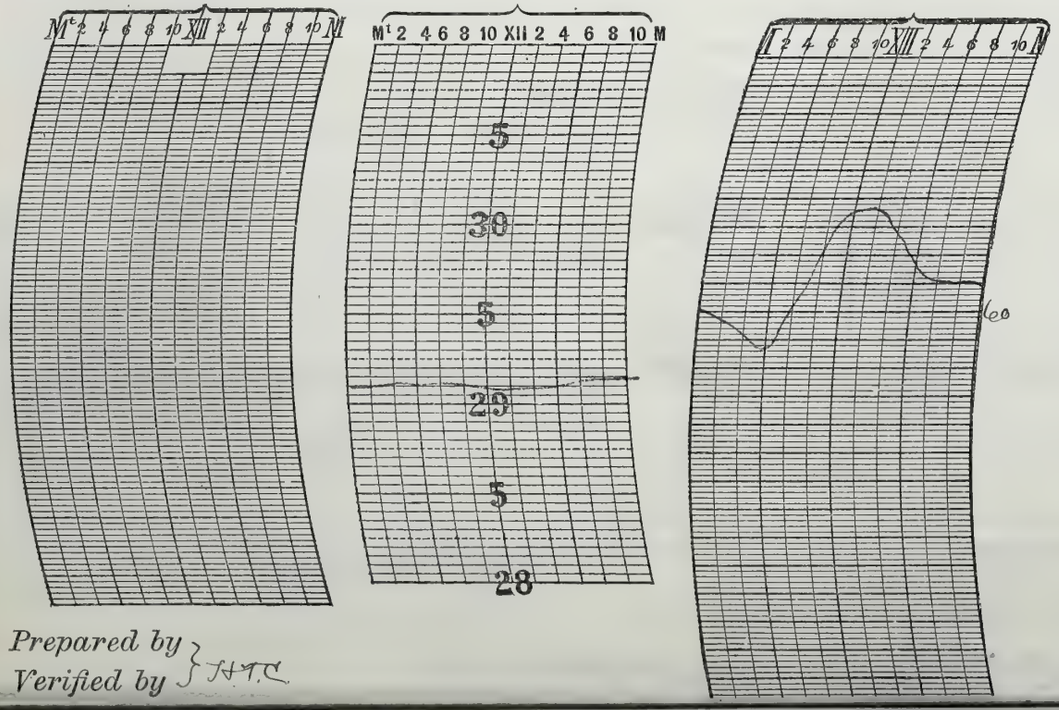
	Maximum.	Minimum.	Mean.	Normal.
	78	54	66	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Clear. Moon phase,
Average daily cloudiness (0–10) 3
Actual sunshine, hours, 8.3
Possible sunshine, hours, 11.6
Percentage of possible sunshine, 72
Prevailing direction S
Total movement, 195
Average hourly velocity, 8.1

Maximum velocity,	Direction,	Time.
16	SW	12.30 p m.

Extreme velocity, 17
Relative humidity, 74 a. m. 78 p. m.
Reduced barometer, 30.00 a. m. 30.04 p. m.
River gage, 3.0 ft.

NOTES.



Prepared by
Verified by H.T.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) OCT 6 1913, 191

Time (local standard), 90 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	65	64	63	62	61	64	66	70	71	74	74	79	78	79	80	78	76	75	70	69	68	65	65
State of weather: Nature of precipitation and time of beginning and ending									Cloudy				× Clear											
Amounts of precipitation																								
Cloudiness and other conditions																								
Sunrise: Time 5.43, Character Cloudy																					Sunset: Time 5.15, Character Clear			
Sunshine (in tenths of hours)						0	0	0	0.4	1.0	0.8	0.7	1.0	1.0	1.0	1.0	0.6	0						
Wind direction	S	S	S	S	S	0	S	S	S	NW	S	S	SE	SE	S	S	S	SE	SE	SE	SE	SE	SE	SE
Wind movement	4	4	5	5	3	0	2	3	1	3	5	6	5	7	7	5	5	3	3	3	6	5	6	4
Maximum velocities (exceeding 27 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

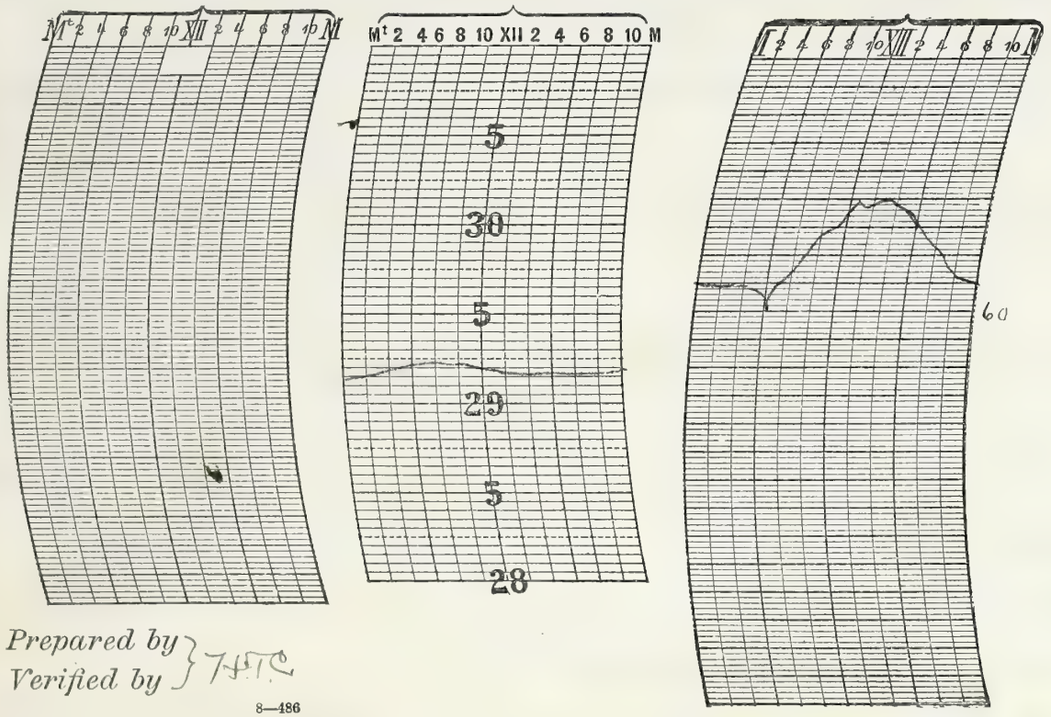
Maximum.	Minimum.	Mean.	Normal.
80	61	70	

Total depth of snow for 24 hours ending 7 p. m., 0 in.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 in.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 3
Actual sunshine, hours, 8.2
Possible sunshine, hours, 11.5
Percentage of possible sunshine, 71
Prevailing direction S
Total movement, 100
Average hourly velocity, 4.2

Maximum velocity,	Direction,	Time.
9	S	2.25 P.M.

Extreme velocity, 9
Relative humidity, 82 a. m. 70 p. m.
Reduced barometer, 30.12 a. m. 30.10 p. m.
River gage, 2.6 ft.

NOTES.



Prepared by
Verified by } THTC

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) OCT 7 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

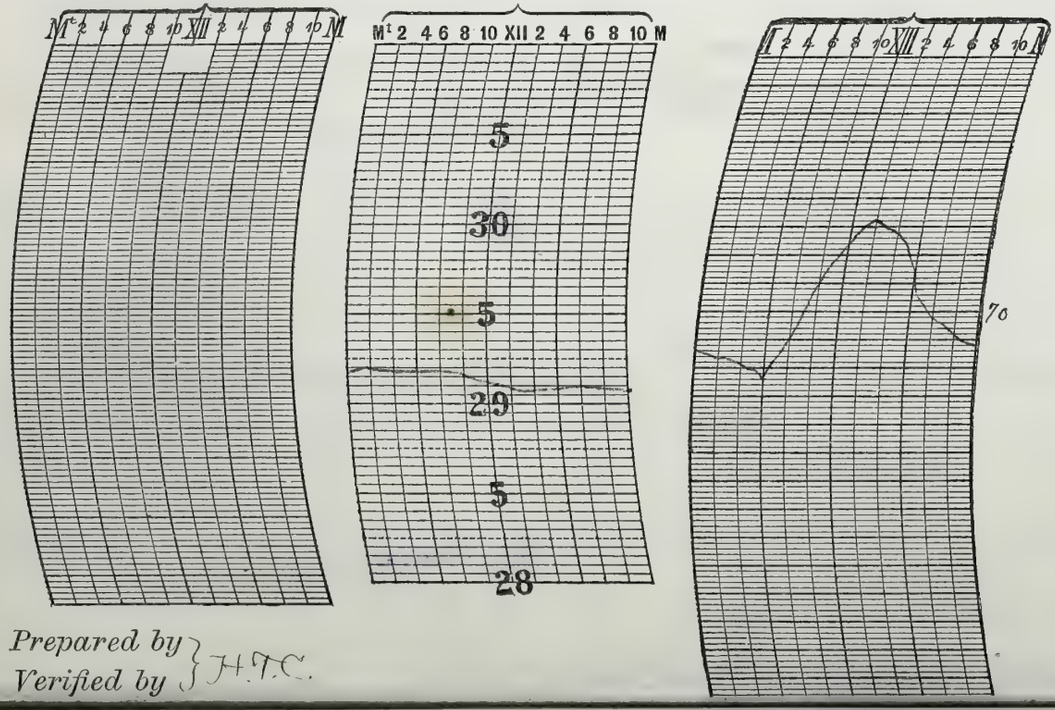
	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	63	62	62	60	60	58	60	68	71	78	81	83	85	86	85	84	83	74	71	69	68	66	64	64
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Clear					* Pt Cloudy											
Sunrise: Time, 5.44 Character, Clear																					Sunset: Time, 5.14 Character, Cloudy			
Sunshine (in tenths of hours)						.27 0	1.0 0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0.1	0						
Wind direction	SE	SE	SE	SE	SE	E	E	SE	SE	SE	SE	SE	S	S	SE	S	S	NW 8	N	N	N	N	N	N
Wind movement	4	5	4	4	3	3	2	4	4	6	8	7	8	7	5	5	3	9	7	7	5	4	5	5
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	86	58	72	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 2
Actual sunshine, hours, 10.2
Possible sunshine, hours, 11.5
Percentage of possible sunshine, 89
Prevailing direction SE
Total movement, 124
Average hourly velocity, 5.2
Maximum velocity, 12 Direction, NW Time, 6.05 P.M.
Extreme velocity, 12
Relative humidity, 81 a. m. 75 p. m.
Reduced barometer, 30.10 a. m. 30.10 p. m.
River gage, 2.3 ft.

NOTES.



Prepared by
Verified by } H.T.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) OCT 8 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	64	64	63	63	62	61	62	61	62	66	71	76	77	79	78	77	76	74	71	70	68	67	67	66
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Cloudy					Cloudy			Cloudy								
Sunshine (in tenths of hours)						0	0	0	0.2	1.0	1.0	1.0	1.0	0.4	0.4	0.4	0	0						
Wind direction	N	N	N	N	N	N	NE	E	E	E	E	E	E	SE	E	E	E	E	E	E	E	E	E	E
Wind movement	5	4	5	5	6	7	5	3	6	4	4	3	4	3	3	4	4	4	4	4	5	6	4	3
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time, 5.45 Character, Cloudy

Sunset: Time, 5.12 Character, Cloudy

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

	Maximum.	Minimum.	Mean.	Normal.
	79	61	70	

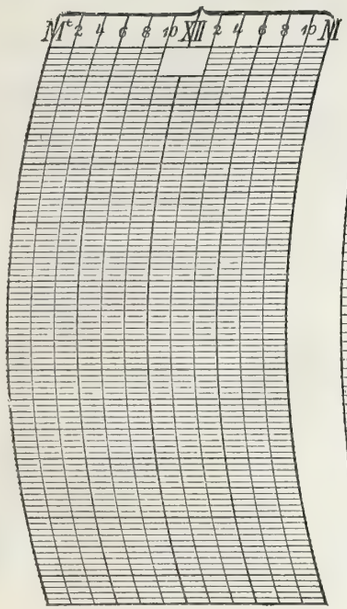
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., ____ ins.
Total precipitation, midnight to midnight, ____ inches.
Character of day, Pt cloudy Moon phase, ____
Average daily cloudiness (0–10), 7
Actual sunshine, hours, 5.4
Possible sunshine, hours, 11.5
Percentage of possible sunshine, 47
Prevailing direction E
Total movement, 105
Average hourly velocity, 4.4

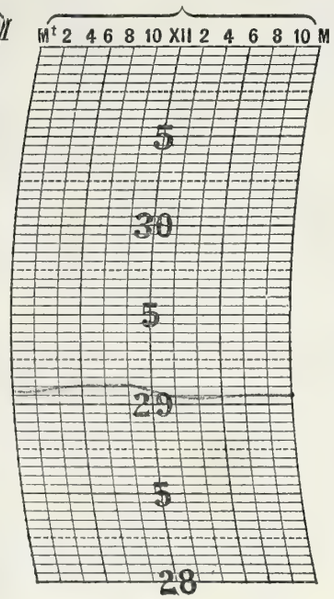
Maximum velocity,	Direction,	Time.
9	N	4.40 AM.

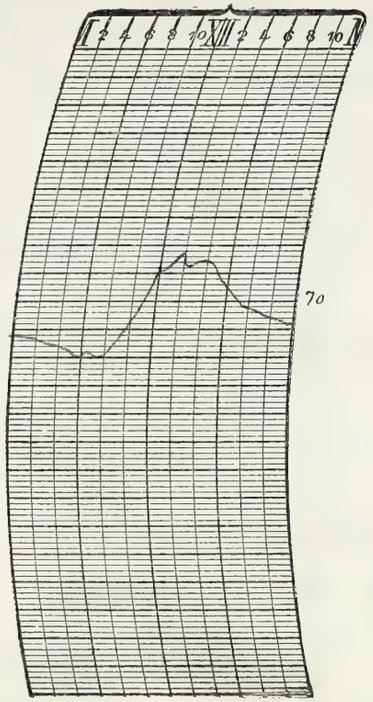
Extreme velocity, 9

Relative humidity, 86 a. m. 77 p. m.
Reduced barometer, 30.01 a. m. 29.97 p. m.
River gage, 2.2 ft.

NOTES.







Prepared by
Verified by } HTC

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) OCT 9 1913, 191

Time (local standard), 90 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	67	67	67	68	67	65	66	71	75	78	80	82	84	84	84	83	82	79	75	74	73	71	71	70
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Clear					Cloudy											
Sunrise: Time, 5.46 Character, Cloudy																					Sunset: Time, 5.10 Character, Cloudy			
Sunshine (in tenths of hours)						0	0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0.2	0	0						
Wind direction	E	E	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
Wind movement	2	2	6	7	2	2	2	1	5	5	6	7	8	9	7	4	5	4	3	2	4	4	7	9
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
84	65	74	

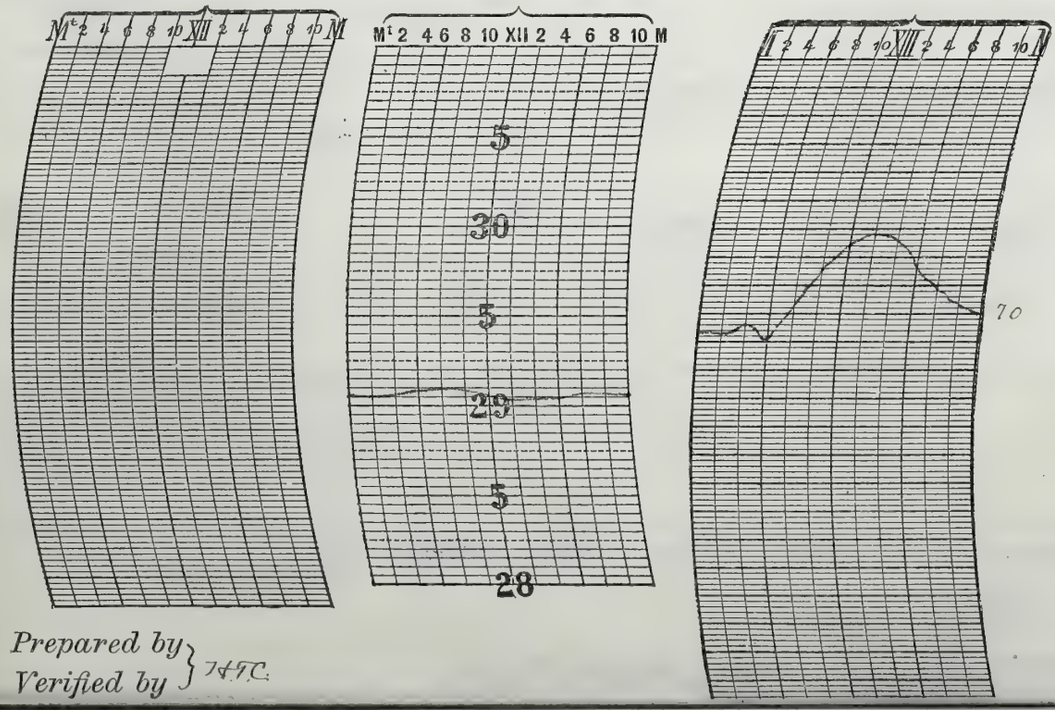
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 3
Actual sunshine, hours, 7.9
Possible sunshine, hours, 11.4
Percentage of possible sunshine, 69
Prevailing direction SE
Total movement, 113
Average hourly velocity, 4.7

Maximum velocity,	Direction,	Time.
11	SE	2.10 P.M.

Extreme velocity, 11

Relative humidity, 73 a. m. 65 p. m.
Reduced barometer, 29.99 a. m. 29.95 p. m.
River gage, 2.2 ft.

NOTES.



Prepared by
Verified by } H.F.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) OCT 10 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	68	66	65	64	64	63	63	67	70	77	81	83	85	86	86	84	82	79	78	77	76	72	68	65
State of weather: Nature of precipitation and time of beginning and ending																						RR 9.50		
State of weather: Amounts of precipitation																						77	77	.02
State of weather: Cloudiness and other conditions								Clear				Fldy	Cloudy											
Sunrise: Time 5.47, Character Cudy																					Sunset: Time 5.04, Character Cloudy			
Sunshine (in tenths of hours)						0	0	1.0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	0.7	0	0						
Wind direction	SE	S	S	S	S	S	S	S	S	S	SW	S	S	S	S	S	S	S	S	S	S	W	W	NW
Wind movement	10	6	7	7	7	8	6	9	9	9	15	19	19	20	18	18	13	12	13	12	12	12	7	3
Maximum velocities (exceeding 24 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	86	63	74	

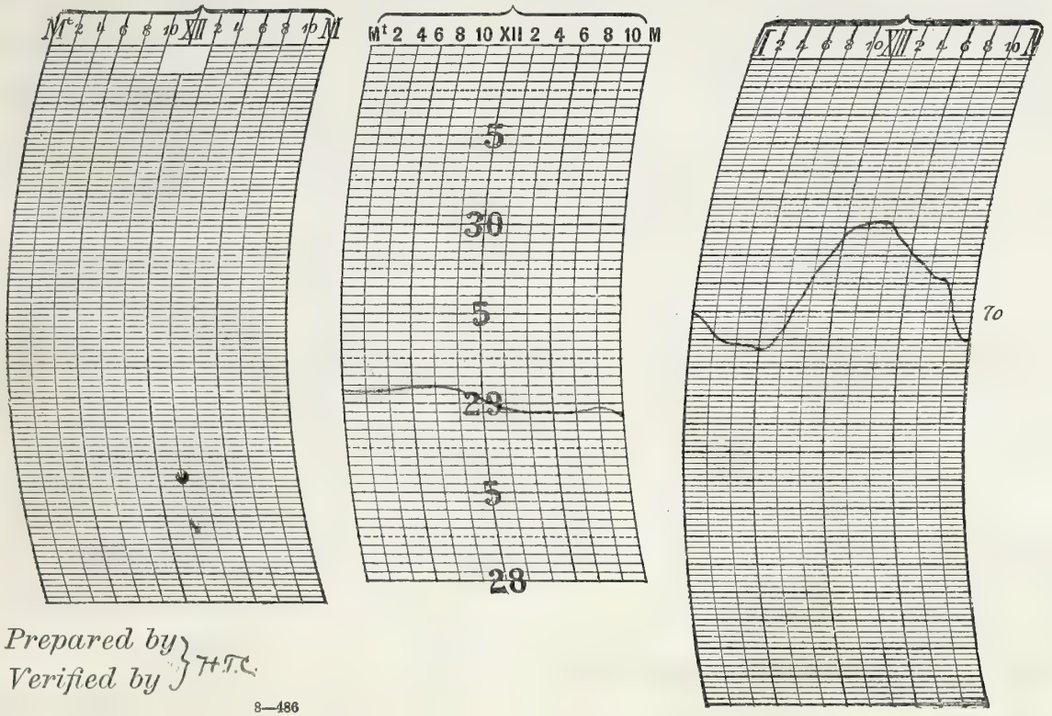
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10) 5
Actual sunshine, hours, 8.0
Possible sunshine, hours, 11.4
Percentage of possible sunshine, 70
Prevailing direction S
Total movement, 271
Average hourly velocity, 11.3

Maximum velocity,	Direction,	Time.
25	S	1.05 p.m.

Extreme velocity, 25

Relative humidity, 87 a. m. 58 p. m.
Reduced barometer, 29.99 a. m. 29.83 p. m.
River gage, 2.1 ft

NOTES.



Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) OCT 11 1913, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	65	63	64	64	63	62	56	54 RE 7/10	52	48	50	53	54	57	56	56	55	54	52	50	49	47	45	43
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation	T	.03	.07	.03	.05	.24	.01	T																
Cloudiness and other conditions							Cloudy						Cloudy	×	Cloudy	×	Clear							
Sunshine (in tenths of hours)						0	0	0	0	0	0.6	1.0	1.0	1.0	1.0	1.0	0.8 0.2	.12 0						
Wind direction	SE	SE	SW	SW	SW	SW	W	W	W	W	W	W	W	NW	W	NW	W	W	W	W	W	SW	SW	SW
Wind movement	4	7	13	11	13	18	17	18	21	18	17	18	19	18	17	13	8	7	7	5	6	8	7	8

Sunrise: Time 5.48, Character Cloudy

Sunset: Time 5.07, Character Clear

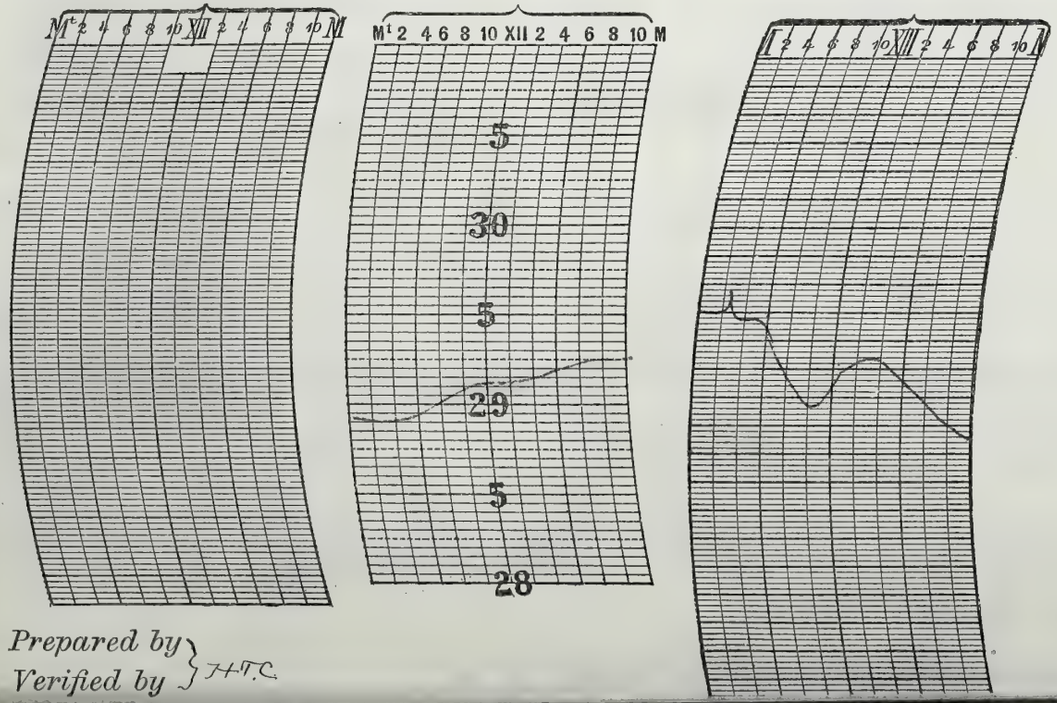
Maximum velocities (exceeding 27 miles) direction and time

	Maximum.	Minimum.	Mean.	Normal.
Temperature	68 65	43	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .45 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .43 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10) 4
Actual sunshine, hours, 6.7
Possible sunshine, hours, 11.3
Percentage of possible sunshine, 59
Prevailing direction W
Total movement, 298
Average hourly velocity, 12.4
Maximum velocity, 25 Direction, W Time. 5.55 A.M.
Extreme velocity, 26
Relative humidity, 100 a. m. 63 p. m.
Reduced barometer, 29.90 a. m. 30.15 p. m.
River gage, 2.2 ft

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

NOTES.



Prepared by
Verified by H.T.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) OCT 12 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	42	42	41	41	42	44	49	52	55	57	60	61	62	63	61	58	56	54	52	50	49	47	46
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions						Clear ×							Pt Cloudy		×		Clear							
Sunrise: Time, 5.49 Character, Clear																								
Sunshine (in tenths of hours)						.8 0	.8 .2	1.0	.6	.6	.9	1.0	.5	.9	.7	1.0	.5 .5	.10 0						
Sunset: Time, 5.06 Character, Clear																								
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	NW	NW	NW	NW	W	W	W	W	W
Wind movement	8	8	10	9	9	10	12	16	20	19	18	17	15	15	18	18	14	8	6	7	6	6	6	6
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

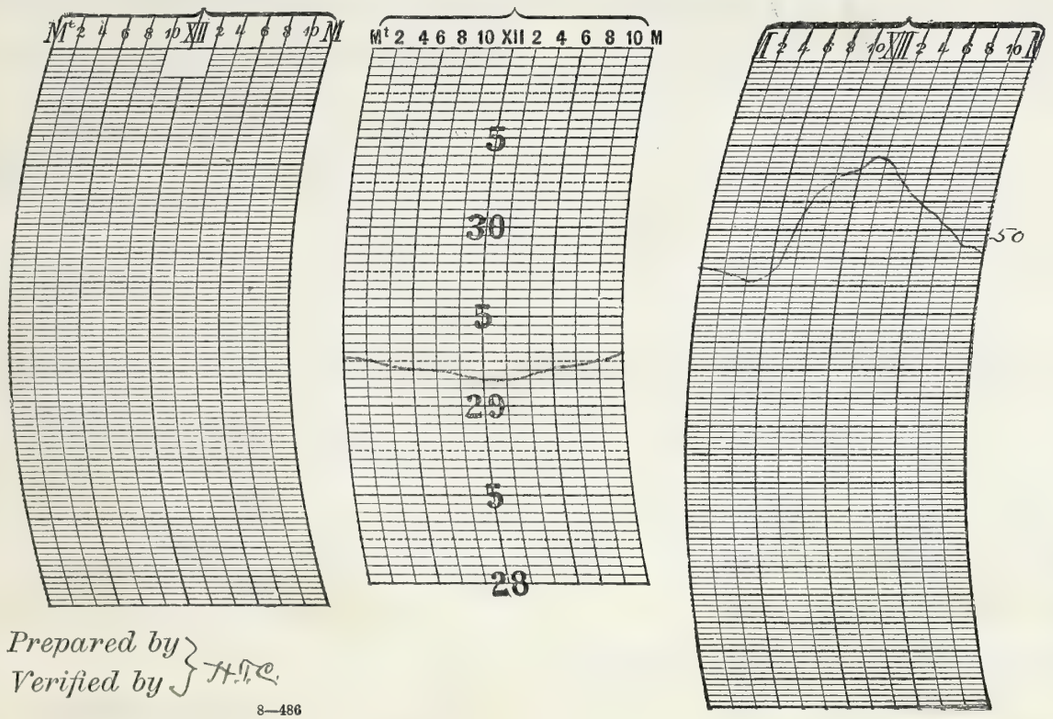
	Maximum.	Minimum.	Mean.	Normal.
	63	41	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10) 3
Actual sunshine, hours, 9.5
Possible sunshine, hours, 11.3
Percentage of possible sunshine, 84
Prevailing direction SW
Total movement, 281
Average hourly velocity, 11.7

Maximum velocity,	Direction,	Time.
27	SW	8.18 A.M.

Extreme velocity, 28
Relative humidity, 71 a. m. 65 p. m.
Reduced barometer, 30.13 a. m. 30.14 p. m.
River gage, 2.3 ft

NOTES.



Prepared by
Verified by H.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) OCT 1 3 1913, 191

Time (local standard), 75 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	44	43	43	41	40	42	45	48	52	54	57	59	61	62	61	58	56	54	52	50	50	51	50
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear							Clear										
Sunrise: Time, Character,	5.51 Clear																				Sunset: Time, Character,			
Sunshine (in tenths of hours)						.15 0	0.8 0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6 0.4	0.7 0			5.04			
Wind direction	W	W	W	NW	NW	N	N	NE	NE	E	E	SE	SE	SE	SE	SE	SE	E	E	SE	SE	SE	SE	SE
Wind movement	5	4	5	4	5	7	5	5	5	6	4	5	6	4	5	5	5	6	4	5	6	4	7	5
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

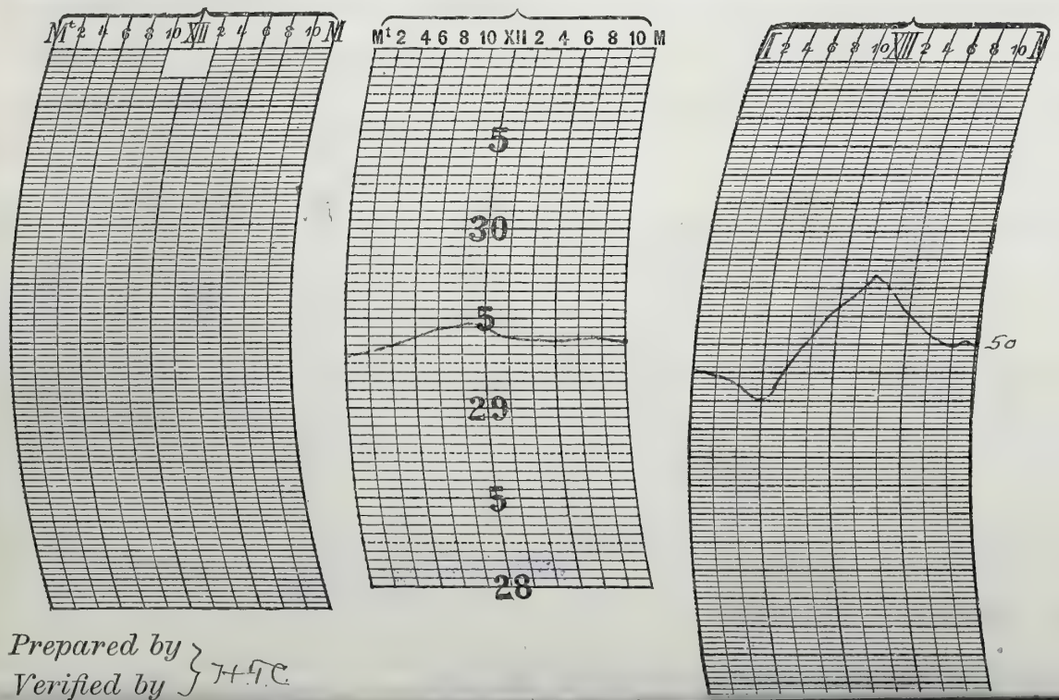
Maximum.	Minimum.	Mean.	Normal.
62	40	51	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 0
Actual sunshine, hours, 11.2
Possible sunshine, hours, 11.2
Percentage of possible sunshine, 100
Prevailing direction SE
Total movement, 122
Average hourly velocity, 5.1

Maximum velocity,	Direction,	Time.
9	N	5.30 A.M.

Extreme velocity, 9
Relative humidity, 88 a. m. 67 p. m.
Reduced barometer, 30.36 a. m. 30.32 p. m.
River gage, 2.3 ft

NOTES.



Prepared by
Verified by } H.T.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) OCT 14 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

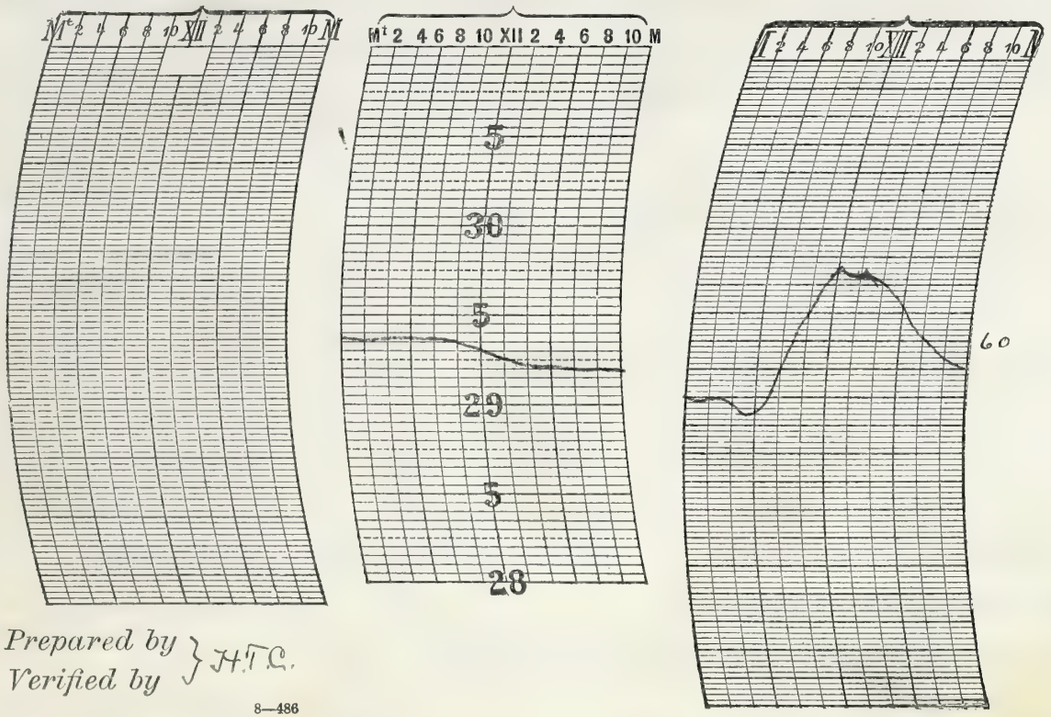
	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	50	49	50	49	48	47	50	54	60	65	69	72	72	73	72	72	70	67	64	62	60	57	56	55
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions									Clear					Clear										
Sunrise: Time, 5.52 Character, Clear						.13	0.7										0.7	0.3			Sunset: Time, 5.02 Character, Clear			
Sunshine (in tenths of hours)						0	0.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	0.9	0.3	0						
Wind direction	SE	SE	SE	SE	SE	SE	S	S	SW	SW	SW	SW	SW	SW	S	S	SE	SE	S	S	S	SW	SW	SW
Wind movement	6	5	6	5	5	7	7	11	13	13	13	14	14	15	12	10	8	7	9	10	9	8	8	9
Maximum velocities (exceeding 24 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	73	47	60	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10) 1
Actual sunshine, hours, 11.0
Possible sunshine, hours, 11.2
Percentage of possible sunshine, 98
Prevailing direction SW
Total movement, 224
Average hourly velocity, 9.3
Maximum velocity, 18 Direction, SW Time. 1.50 P.M.
Extreme velocity, 19
Relative humidity, 70 a. m. 56 p. m.
Reduced barometer, 30.31 a. m. 30.14 p. m.
River gage, 2.2 ft

NOTES.



Prepared by H.T.C.
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) OCT 16 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	54	53	52	52	51	51	53	55	60	65	68	71	73 (74)	71	70	70	69	68	66	64	62	61	59	57
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear						*	Cloudy										
Sunrise: Time, Character,	5.53 Clear																				Sunset: Time, Character,			5.01 Cloudy
Sunshine (in tenths of hours)						.12 0	1.0 0	0.1 0.9	1.0	1.0	1.0	1.0	0.8	0	0	0	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	SW	W	W	W	W	W	W	NW	NW	NW	NW	W
Wind movement	8	9	9	11	10	10	8	9	11	8	6	6	7	8	8	6	7	4	6	6	8	4	5	5
Maximum velocities (exceeding 29 miles) direction and time																								

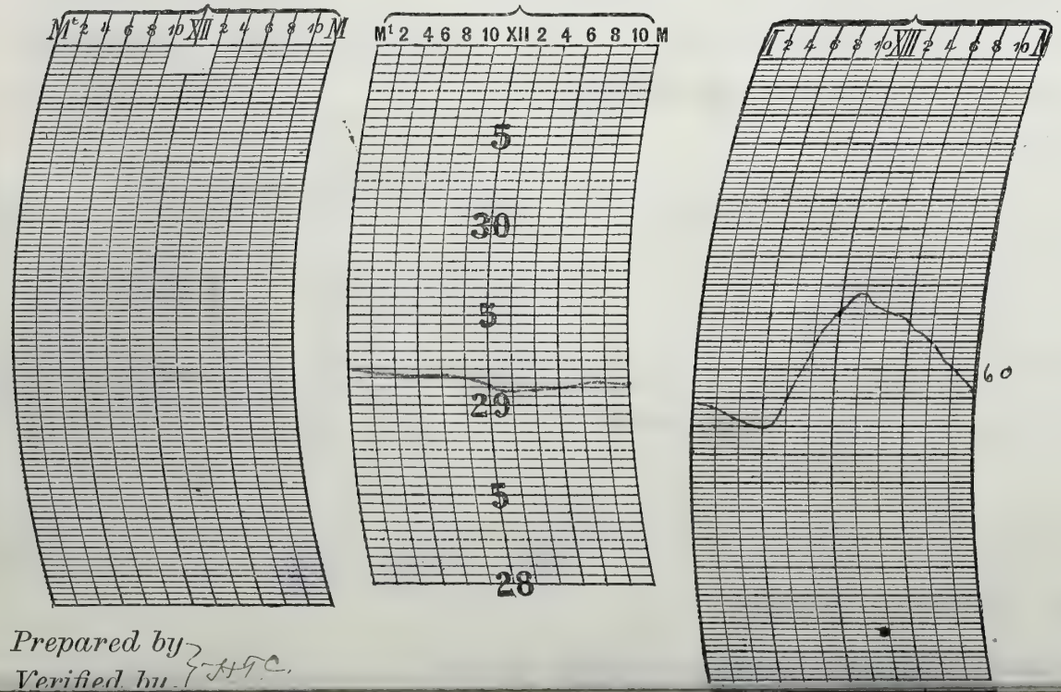
Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	74	51	62	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0–10) 5
Actual sunshine, hours, 7.7 6.9
Possible sunshine, hours, 11.1
Percentage of possible sunshine, 62
Prevailing direction SW
Total movement, 179
Average hourly velocity, 7.5

Maximum velocity,	Direction,	Time.
12	SW	7.42 AM

Extreme velocity, 12
Relative humidity, 75 a. m. 68 p. m.
Reduced barometer, 30.08 a. m. 30.03 p. m.
River gage, 2.2 ft



NOTES.

Prepared by
Verified by J. H. C.

Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) OCT 16 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

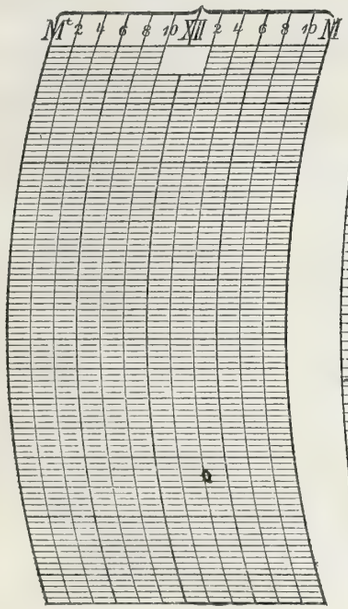
	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	55	55	55	55	55	55	56	56	58	61	63	66	66	68	67	65	63	62	62	62	61	59	57	56
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Cloudy							Pcloudy										
Sunrise: Time, 5.34 Character, Cloudy																					Sunset: Time, 4.59 Character, Cloudy			
Sunshine (in tenths of hours)						0	0	0	0	1.0	0.7	1.0	1.0	1.0	0.5	0	0							
Wind direction	W	W	W	NE	NE	NE	NE	NE	NE	NE	E	NE	NE	NE	NE	NE	NE	NE	NE	E	E	NE	NE	NE
Wind movement	5	3	4	3	3	5	4	7	6	6	4	7	9	9	10	11	9	7	8	8	8	6	7	6
Maximum velocities (exceeding 29 miles) direction and time																								

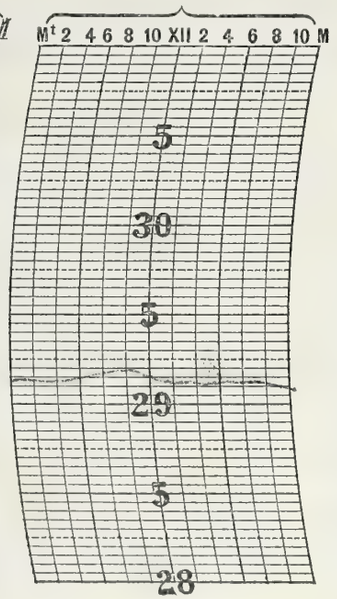
Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

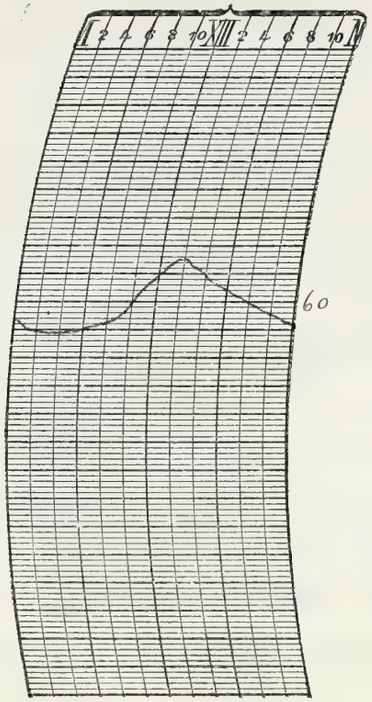
Maximum: 68 — Minimum: 55 — Mean: 62 — Normal:

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pcloudy Moon phase,
Average daily cloudiness (0-10) 7.6
Actual sunshine, hours, 5.2
Possible sunshine, hours, 11.1
Percentage of possible sunshine, 47
Prevailing direction NE
Total movement, 155
Average hourly velocity, 6.5
Maximum velocity, 12 Direction, NE Time, 2.25 PM
Extreme velocity, 12
Relative humidity, 91 a. m. 81 p. m.
Reduced barometer, 30.08 a. m. 30.05 p. m.
River gage, 21 ft

NOTES.







Prepared by HTC
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) OCT 17 1913, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	56	56	55 5	55 RIS DN	55 6	56	59	59	60	60	61	62	62	63	64	63	60 RE 4.15	58	54	52	51	51	50	49
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation				.02	.02	T	.02	.05	T	.04	.05	.06	.06	.02	T	.02	.01							
Cloudiness and other conditions						Cloudy							Cloudy											
Sunrise: Time, 5.55 Character, Cloudy																					Sunset: Time, 4.58 Character, Cloudy			
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0	0	0	0	0							
Wind direction	E	E	E	E	E	E	SE	S	SE	SE	SE	SE	S	S	S	SW	W	W	W	W	NW	NW	NW	NW
Wind movement	6	6	5	3	3	3	6	8	5	9	9	10	13	10	10	11	11	13	11	12	11	12	13	13
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

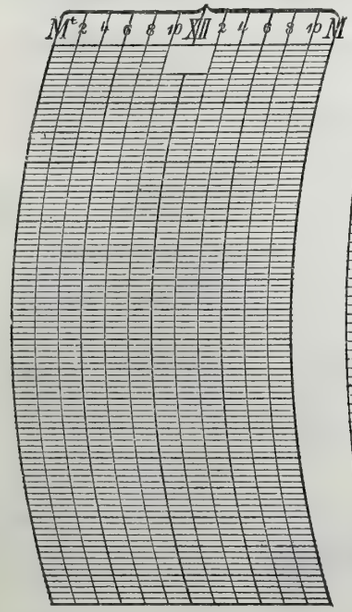
Maximum.	Minimum.	Mean.	Normal.
64	49	57 56.4	

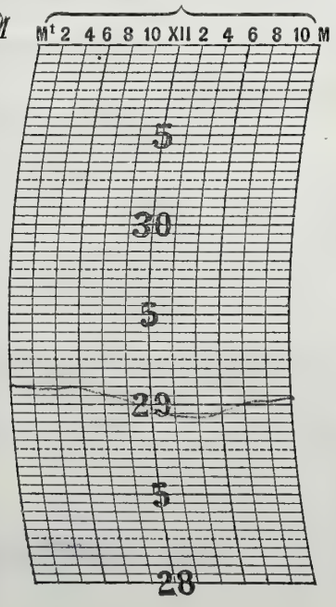
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .06 ins.; to 7 p. m., .31 ins.
Total precipitation, midnight to midnight, .37 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10) 10.0
Actual sunshine, hours, 0
Possible sunshine, hours, 11.0
Percentage of possible sunshine, 0
Prevailing direction NE
Total movement, 212
Average hourly velocity, 8.8

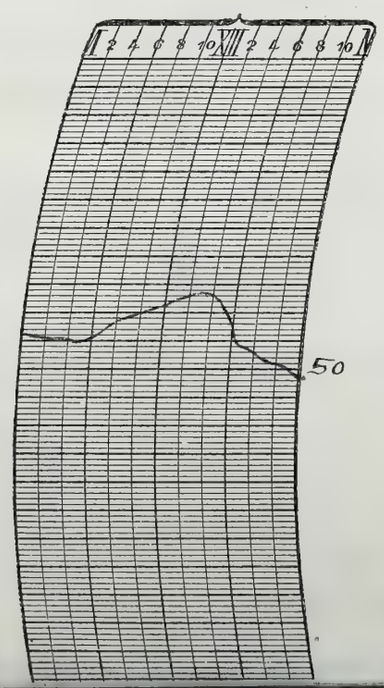
Maximum velocity,	Direction,	Time.
17	NW	10.35 p. m.

Extreme velocity, 18
Relative humidity, 100 a. m., 94 p. m.
Reduced barometer, 29.97 a. m., 29.90 p. m.
River gage, 2.0 ft.

NOTES.







Prepared by
Verified by J. H. T.

Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) OCT 18 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	47	47	47	46	46	46	45	46	46	47	46	48	52	53	53	51	48	46	45	44	43	42	41
State of weather: Nature of precipitation and time of beginning and ending							RB 6.40	RE 7.10																
State of weather: Amounts of precipitation							T	T																
State of weather: Cloudiness and other conditions							Cloudy						Pt Cloudy											
Sunrise: Time, 5.56 Character, Cloudy																					Sunset: Time, 4.56 Character, Clear			
Sunshine (in tenths of hours)						0	0	0	0	0	0	0	0.7	1.0	1.0	1.0	0.2							
Wind direction	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	N	N	N	N	N
Wind movement	11	9	10	13	10	11	11	11	12	11	11	12	13	12	12	11	9	5	6	5	6	5	8	6
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

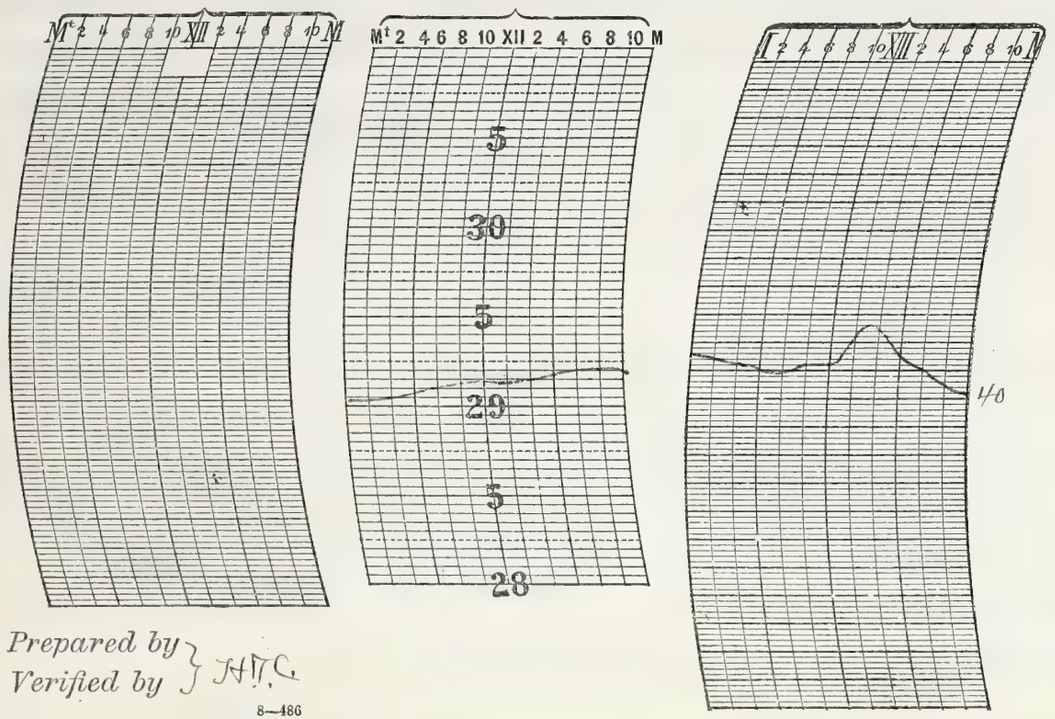
Maximum 53 — Minimum 41 — Mean 47 — Normal.

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy. Moon phase,
Average daily cloudiness (0-10), 7
Actual sunshine, hours, 4.6
Possible sunshine, hours, 11.0
Percentage of possible sunshine, 42
Prevailing direction, NW
Total movement, 230
Average hourly velocity, 9.6

Maximum velocity	Direction	Time
16	NW	3.45 AM.

Extreme velocity, 17
Relative humidity, 100 a. m., 79 p. m.
Reduced barometer, 30.02 a. m., 30.12 p. m.
River gage, 2.0 ft.

NOTES.



Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) OCT 19 1913, 191

Time (local standard) 90 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	40	40	39	38	38	37	38	40	42	45	48	49	49	50	51	50	50	47	46 RB 6.40	45 RE 7.10	44	43 RB 9.40	42	41
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																			T	T		T	.02	T
Cloudiness and other conditions									Cloudy						Cloudy									
Sunshine (in tenths of hours)						0	0	0	0	0.6	0.8	1.0	0.9	0.5	1.7	0.2	0							
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	6	4	5	4	5	6	6	7	7	7	8	12	14	15	16	16	15	9	9	11	11	11	13	14

Sunrise: Time, 5.57; Character, Cloudy

Sunset: Time, 4.55; Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
51	37	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, .02 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 8

Actual sunshine, hours, 4.8 4.7

Possible sunshine, hours, 11.0

Percentage of possible sunshine, 43

Prevailing direction NE

Total movement, 231

Average hourly velocity, 9.6

Maximum velocity, 20 Direction, NE Time. 4.20 p.m.

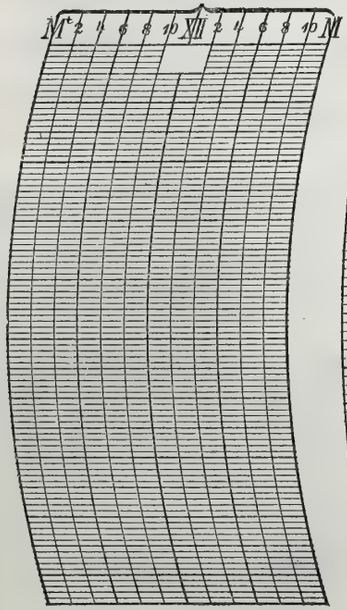
Extreme velocity, 21

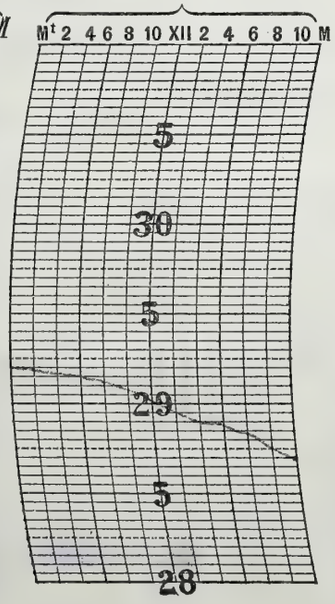
Relative humidity, 87 a. m. 96 p. m.

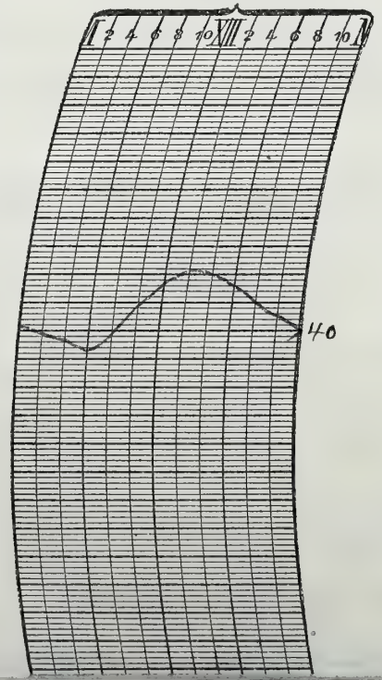
Reduced barometer, 30.06 a. m. 29.76 p. m.

River gage, 2.1 ft.

NOTES.







Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) OCT 20 1913, 191

Time (local standard), 90 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	40	39	39	39	38	39	39	40	44 RE 9.50	45	45	48	47	44	40 SRB 3.25	40	39	38 RE 6.15	37	36	35	35	34
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation	.02	.01	.03	T	.01	.01	T	T	T	T						T	.03	.03	T					
Cloudiness and other conditions								Cloudy						Cloudy										

Sunrise: Time, 5.38 Character, Cloudy

Sunset: Time, 4.53 Character, Cloudy

Sunshine (in tenths of hours)						0	0	0	0	0	0.7	0.3	0.3	0.2	0	0	0							
Wind direction	NE	E	E	E	NE	N	N	N	NW	N	NW	NW	NW	NW	W	W	W	W	W	W	W	SW	W	W
Wind movement	12	15	10	8	11	7	8	7	10	9	13	13	14	13	22	20	16	16	18	21	19	17	20	21

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.
	48	34	41	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .10 ins.; to 1 p. m., .06 ins.

Total precipitation, midnight to midnight, .14 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 1.5

Possible sunshine, hours, 10.9

Percentage of possible sunshine, 14

Prevailing direction W

Total movement, 344

Average hourly velocity, 14.3

Maximum velocity, 28 Direction, W Time, 2.50 PM

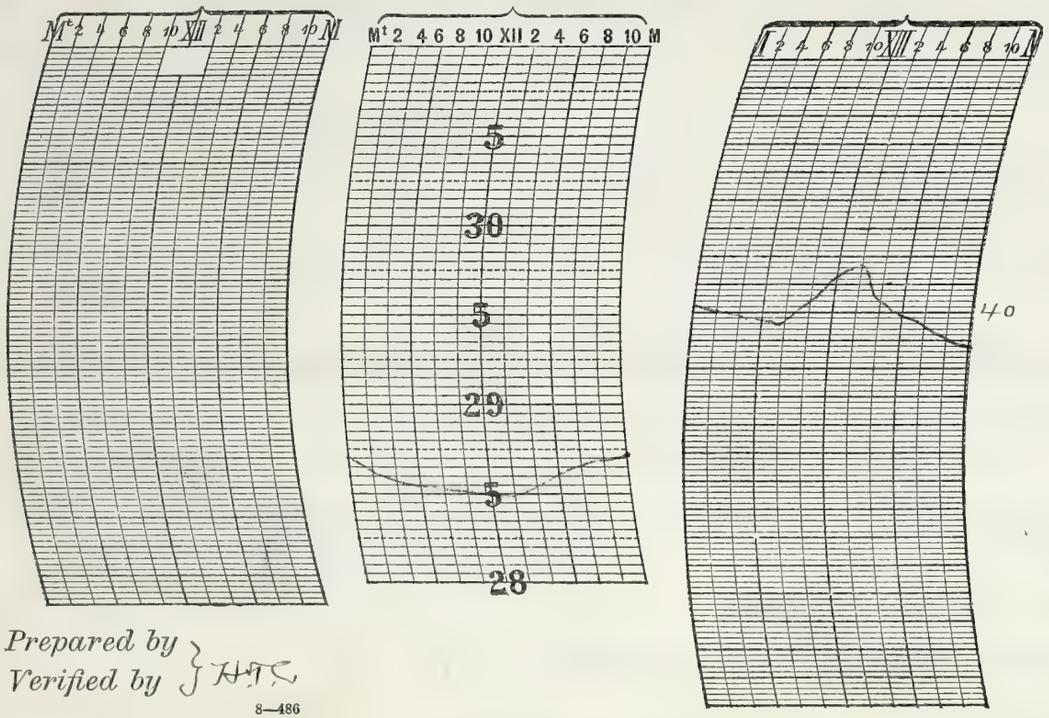
Extreme velocity, 29

Relative humidity, 100 a. m. 96 p. m.

Reduced barometer, 29.45 a. m. 29.55 p. m.

River gage, 2.14

NOTES.



Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) OCT 21 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	33	33	32	32	32	31	30	29 30	31	31	33	35	35	35	36	36	36	36	36	35	34	34	33	31
State of weather: Nature of precipitation and time of beginning and ending					SB DN			SE 7.50																
State of weather: Amounts of precipitation					T	T	T	T																
State of weather: Cloudiness and other conditions								Cloudy					Cloudy											
Sunrise: Time 5.59, Character Cloudy																					Sunset: Time 4.52, Character Cloudy			
Sunshine (in tenths of hours)					0	0	0	0	0	0	0.1	0	0	0	0	0	0							
Wind direction	W	W	W	W	W	W	W	SW	W	SW	SW	W	W	W	W	W	SW	SW	SW	SW	SW	SW	S	S
Wind movement	21	21	23	21	19	20	19	21	19	21	19	20	16	17	13	12	10	9	7	5	5	7	6	7
Maximum velocities (exceeding 29 miles) direction and time																								

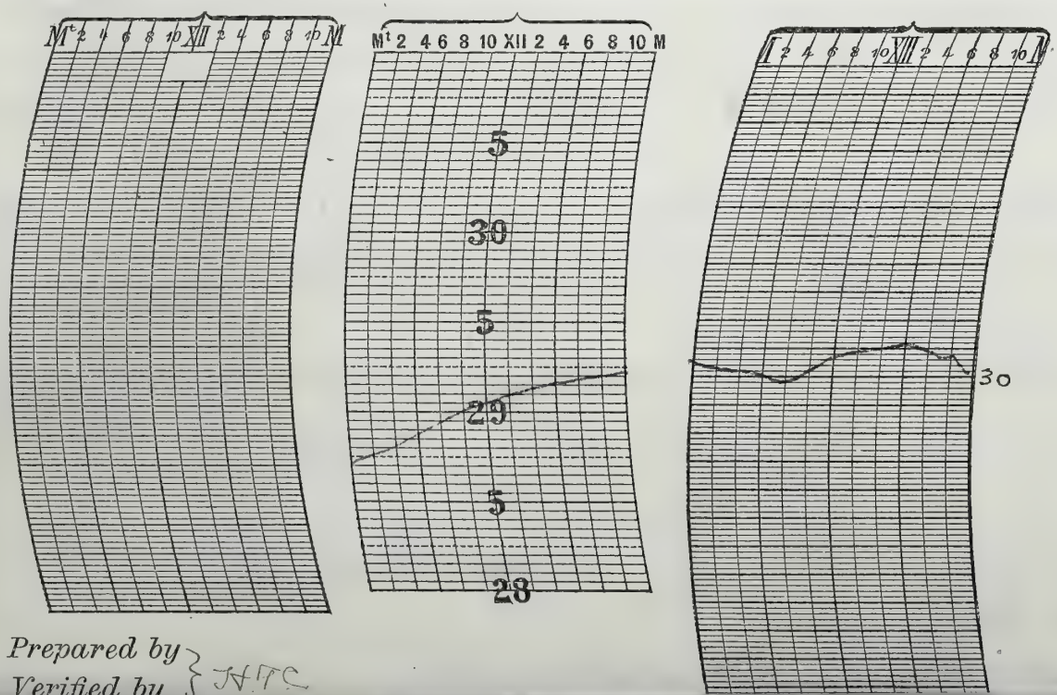
Excessive precipitation, accumulated amounts	Total duration: From—	To—	Total amount of precipitation.	Excessive rate: Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below: 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	36	29	32	

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0.1
Possible sunshine, hours, 10.9
Percentage of possible sunshine, 1
Prevailing direction, W
Total movement, 358
Average hourly velocity, 14.9

Maximum velocity	Direction	Time
26	W	7.40 AM.

Extreme velocity, 27
Relative humidity, 78 a. m., 71 p. m.
Reduced barometer, 29.86 a. m., 30.11 p. m.
River gage, 2.1 ft.



NOTES.

Snow flurries

Prepared by
Verified by } HTC

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) OCT 22 1913, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	30	30	30	31	29	30	30	31	31	32	34	36	37	37	~~40~~ 38	~~47~~ 40	51	52	52	52	52	52	52
				SB D/Y							SE 10.25	RB 11.25												
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation												T	T	.03	.09	.08	.09	.03	.04	.04	.05	.04	.02	.04
Cloudiness and other conditions									Cloudy					Cloudy										
Sunrise: Time, Character,	6.00 Cloudy																							
Sunset: Time, Character,																					4.51 Cloudy			
Sunshine (in tenths of hours)				0			0	0	0	0	0	0	0	0	0	0	0							
Wind direction	SW	SW	SE	SE	SE	SE	SE	SE	E	E	E	E	E	E	NE	NE	E	E	S	S	S	S	S	S
Wind movement	7	5	7	4	5	6	6	4	5	6	8	8	6	6	8	8	6	5	14	19	16	14	14	15
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

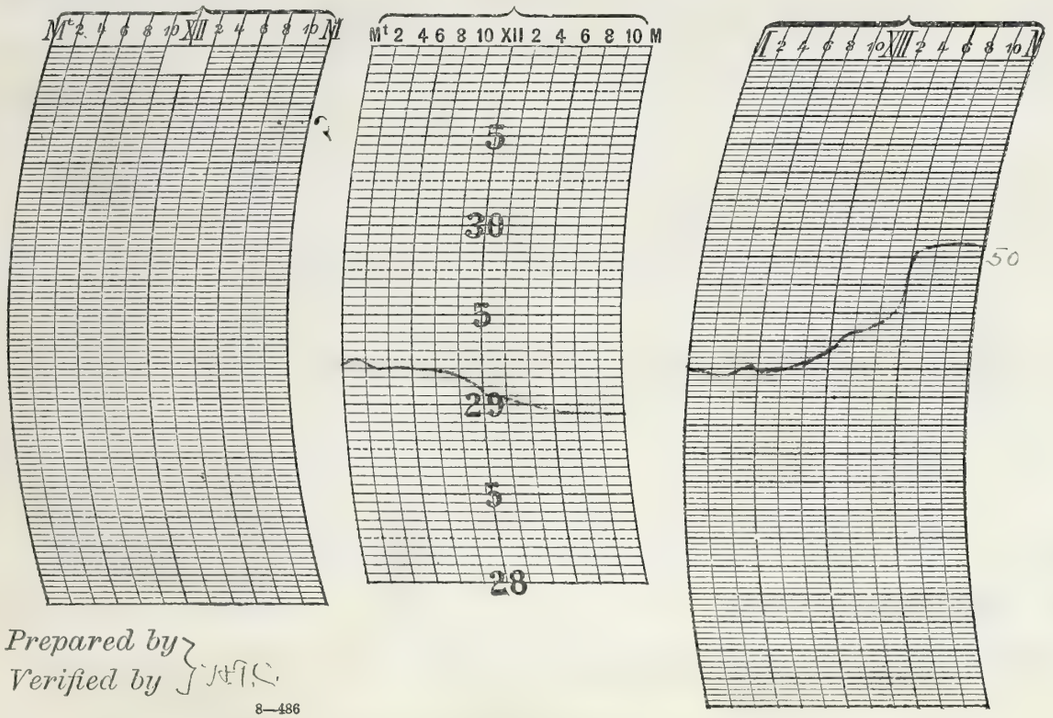
	Maximum.	Minimum.	Mean.	Normal.
	52.	29	40	

Total depth of snow for 24 hours ending 7 p. m., 1.4 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 1.4 inches.
Precipitation to 7 a. m., .04 ins.; to 7 p. m., .46 ins.
Total precipitation, midnight to midnight, .69 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 0
Possible sunshine, hours, 10.8
Percentage of possible sunshine, 0
Prevailing direction, E
Total movement, 202.
Average hourly velocity, 8.4

Maximum velocity,	Direction,	Time.
21	SW	7.44 P.M.

Extreme velocity, 22
Relative humidity, 91 a. m., 100 p. m.
Reduced barometer, 30.14 a. m., 29.91 p. m.
River gage, 2.0 ft.

NOTES.



Prepared by
Verified by [illegible]

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) OCT 28 1913, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	52	51	51	42	41	40	39	39	39	39	40	42	43	43	43	43	43	43	43	42	43	44	45	43
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation	.01	.03	.07	.09	.04	.03	.04	.06	.03	.02	.03	.02	T	.01	T	T	.01	T	T	T	T	T	T	T
Cloudiness and other conditions							—	Cloudy	—				—	—	Cloudy	—								
Sunrise: Time, Character,	6.02 Cloudy																				Sunset: Time, 4.49 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	S	S	S	W	NW	NW	NW	NW	N	N	N	E	E	NE	NE	NE	NE	NE	E	E	E	N	NE	NE
Wind movement	19	20	16	11	8	7	7	6	5	4	3	5	5	3	6	7	6	7	6	4	5	4	7	5
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

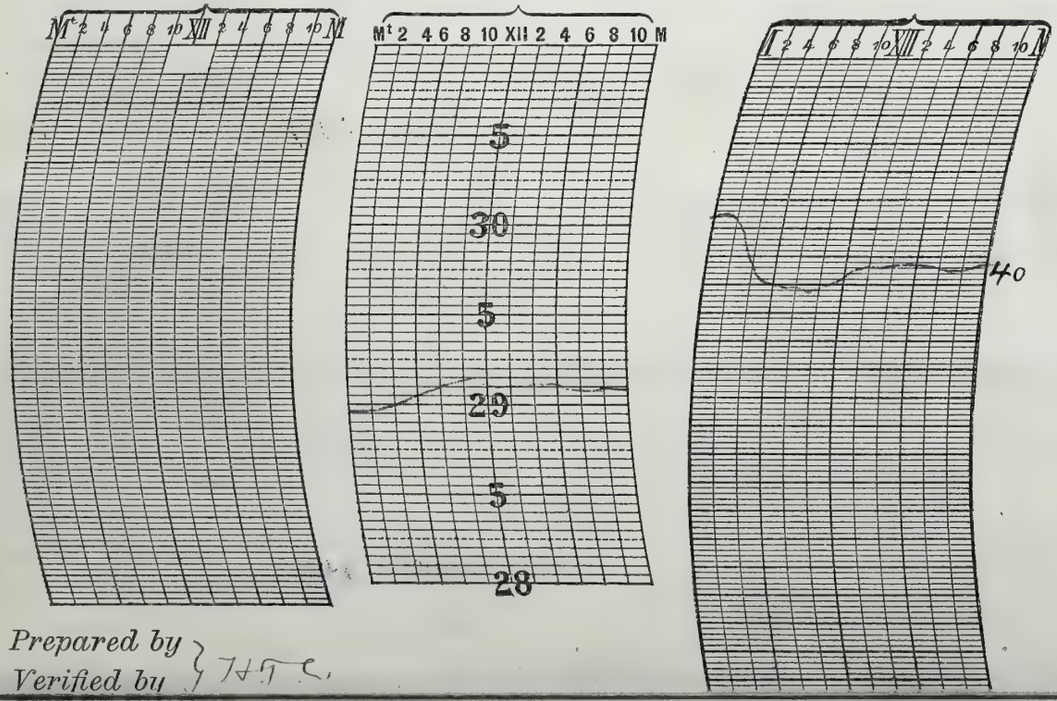
	Maximum.	Minimum.	Mean.	Normal.
	52	39	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .50 ins.; to 7 p. m., .18 ins.
Total precipitation, midnight to midnight, .49 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 10
Actual sunshine, hours, 0
Possible sunshine, hours, 10.8
Percentage of possible sunshine, 0
Prevailing direction NE
Total movement, 178
Average hourly velocity, 7.4

Maximum velocity,	Direction,	Time.
24	W	12.35 AM

Extreme velocity, 25
Relative humidity, 100 a. m. 100 p. m.
Reduced barometer, 30.04 a. m. 30.05 p. m.
River gage, 3.4 ft

NOTES.



Prepared by
Verified by } T+T C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) OCT 24 1913, 191

Time (local standard) 90 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	43	43	44	44	44	45	46	46	47 RE	48 RE 10.40	51	51	52	54	56	55	53	50	49	47	47	47	46
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation	.03	T	T	T	T	T	.01	T	T	T	T													
Cloudiness and other conditions								Cloudy								Pt Cloudy								
Sunrise: Time, 6.03 Character, Cloudy																					Sunset: Time, 4.48 Character, Clear			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0.6	1.0	.80 0							
Wind direction	E	NE	NE	E	E	NE	NE	NE	NE	N	N	N	NW	NW	NW	N	N	N	N	N	N	N	N	N
Wind movement	4	4	5	5	4	5	4	3	3	4	2	6	8	6	5	5	1	1	5	3	5	6	5	6
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

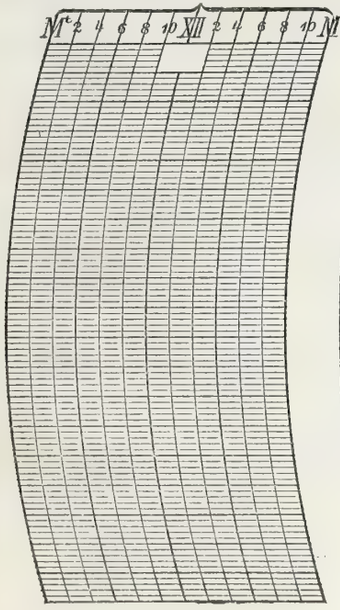
1 hours slower than 75th meridian time.

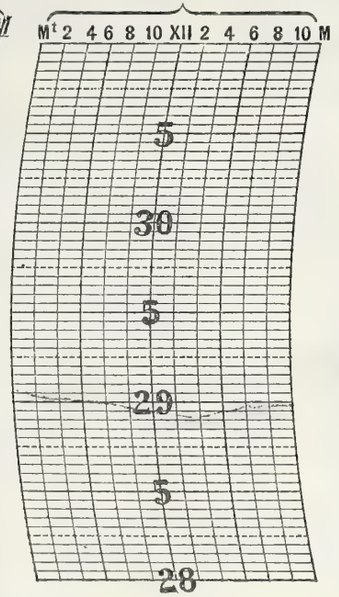
	Maximum.	Minimum.	Mean.	Normal.
	55	43	49	

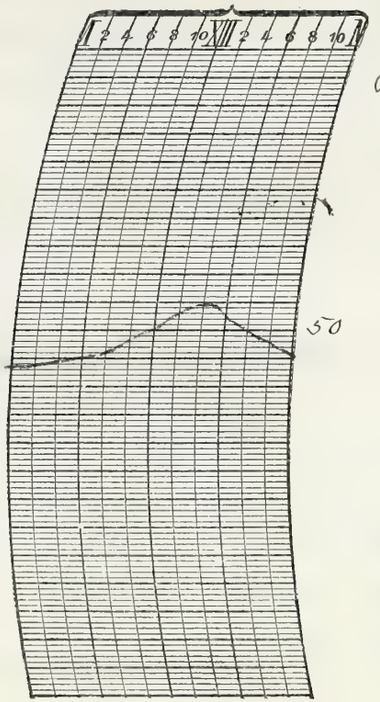
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 1 a. m., .04 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .04 inches.
Character of day, Cloudy, Moon phase,
Average daily cloudiness (0-10), 8
Actual sunshine, hours, 2.4
Possible sunshine, hours, 10.8
Percentage of possible sunshine, 22
Prevailing direction, N
Total movement, 103
Average hourly velocity, 4.3

Maximum velocity,	Direction,	Time.
9	NW	1.00 P.M.

Extreme velocity, 9
Relative humidity, 100 a. m., 81 p. m.
Reduced barometer, 29.94 a. m., 29.89 p. m.
River gage, 3.8 ft







NOTES.

Light Fog. { B.P.N.A. E 11.25 A.M.

Prepared by H.T.C.
Verified by

8—486

Form No. 1014–Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) OCT 25 1913, 191

Time (local standard) 90 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	43	42	40	40	39	40	42	41	45	46	49	50	52	53	53	50	47	44	42	40	40	39	37
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Cloudy						Clear											
Sunrise: Time 6.04 Character, Clear																					Sunset: Time 4.46 Character, Clear			
Sunshine (in tenths of hours)							.83 0.1	1.0	0.2	0.7	1.0	1.0	1.0	1.0	1.0	0.1 .77 0.9	0.0							
Wind direction	N	N	N	NE	N	N	N	NE	N	NE	NE	NE	NE	NE	N	N	NE	NE	NE	NE	E	E	NE	NE
Wind movement	4	6	7	6	8	8	8	10	12	11	11	10	9	9	8	7	7	7	6	6	4	2	2	2
Maximum 29 velocities (exceeding ____ miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

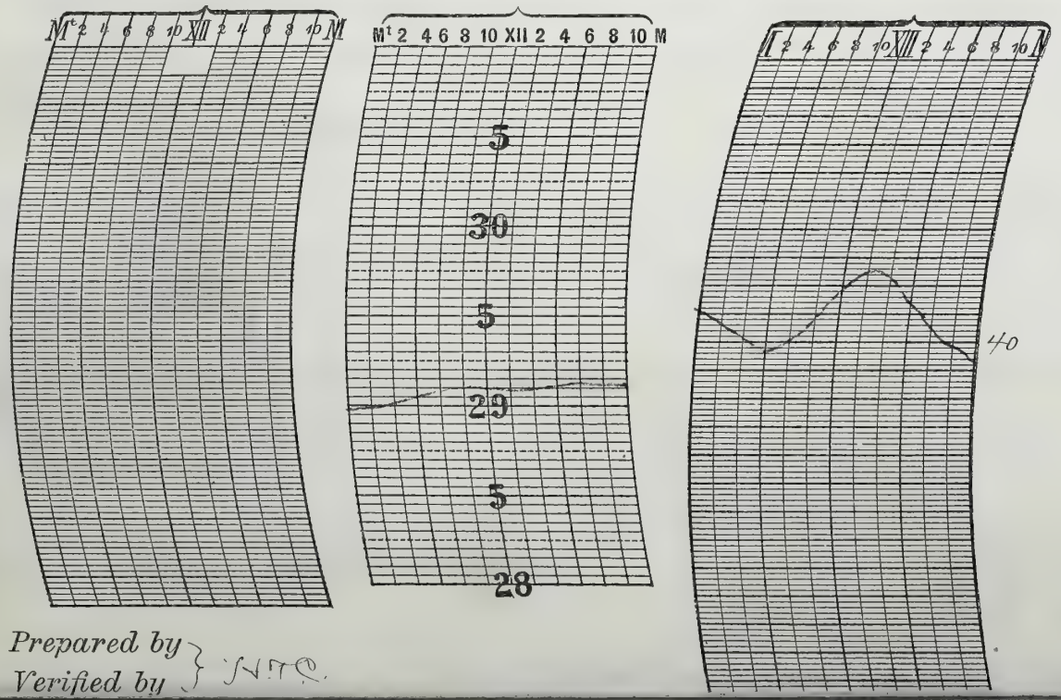
Maximum.	Minimum.	Mean.	Normal.
53	37	45	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10) 2.
Actual sunshine, hours, 9.6
Possible sunshine, hours, 10.7
Percentage of possible sunshine, 90
Prevailing direction NE
Total movement, 170
Average hourly velocity, 7.1

Maximum velocity,	Direction,	Time.
16	N	8.00 AM

Extreme velocity, 17
Relative humidity, 80 a. m. 85 p. m.
Reduced barometer, 30.00 a. m. 30.07 p. m
River gage, 3.7 ft

NOTES.



Prepared by
Verified by } INTO.

Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) OCT 26 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	37	33	33	32	32	31 30	34	41	47	50	53	56	58	59	59	57	55	54	53	52	51	50	48
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Foggy		Clear				Clear											
Sunrise: Time, Character,	6.05 Cloudy																				Sunset: Time, Character,			4.45 Clear
Sunshine (in tenths of hours)							0	0	0.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.75 ~~.45~~ 0							
Wind direction	NE	NE	NE	NE	O	NE	NE	NE	ESE	S	S	S	S	S	S	SE	SE	SE	SE	SE	SE	SW	W	NW
Wind movement	2	1	2	1	0	1	1	1	3	7	7	7	7	6	6	7	4	6	9	8	7	8	6	7
Maximum velocities (exceeding 29 miles) direction and time																								

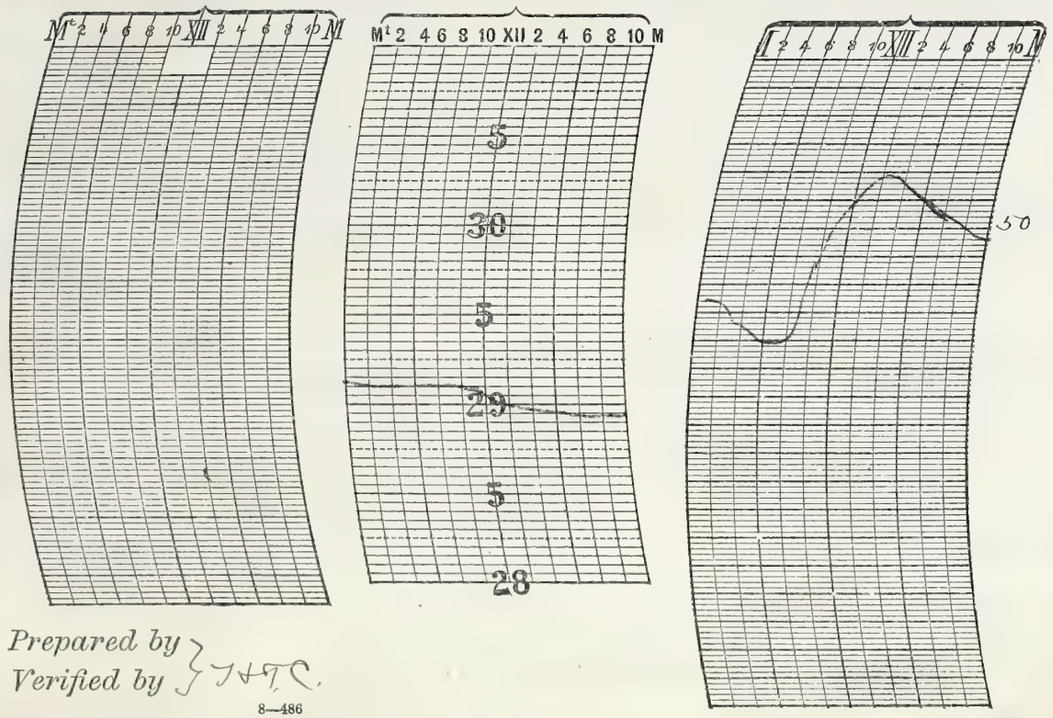
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	57	30	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) ~~4.3~~ 2.
Actual sunshine, hours, ~~8.0~~ 8.2
Possible sunshine, hours, 10.7
Percentage of possible sunshine, ~~75~~ 77
Prevailing direction NE, SE
Total movement, 114
Average hourly velocity, 4.8

Maximum velocity,	Direction,	Time.
13	SW	9.25 PM.

Extreme velocity, 13
Relative humidity, 90 a. m. ~~84~~ 76 p. m.
Reduced barometer, 30.04 a. m. 29.87 p. m.
River gage, 3.3 ft



NOTES.

Light Fog { B. D. N. A. / E 7.10 A
Dense Fog { B 7.10 A / E 8.30 A

Prepared by
Verified by } J+T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) OCT 27 1913, 191

Time (local standard) 75 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	45	44	44	43	42	42	42	42	43	45 RB 10.25	46	45	46	48	47	46	46	45 RE 6.30	45 RB 7.20	45	45	46	46
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation											T	T	T	T	T	.01	T	T	T	.01	T	T	.03	.01
Cloudiness and other conditions								Cloudy								Cloudy								
Sunrise: Time, Character	6.06 Cloudy																				Sunset: 4.44 Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0	0.2	0	0	0	0	0							
Wind direction	NW	NW	N	N	N	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	S	SW
Wind movement	9	12	11	7	6	8	12	11	16	17	17	16	21	19	17	11	17	19	17	19	15	12	10	12
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

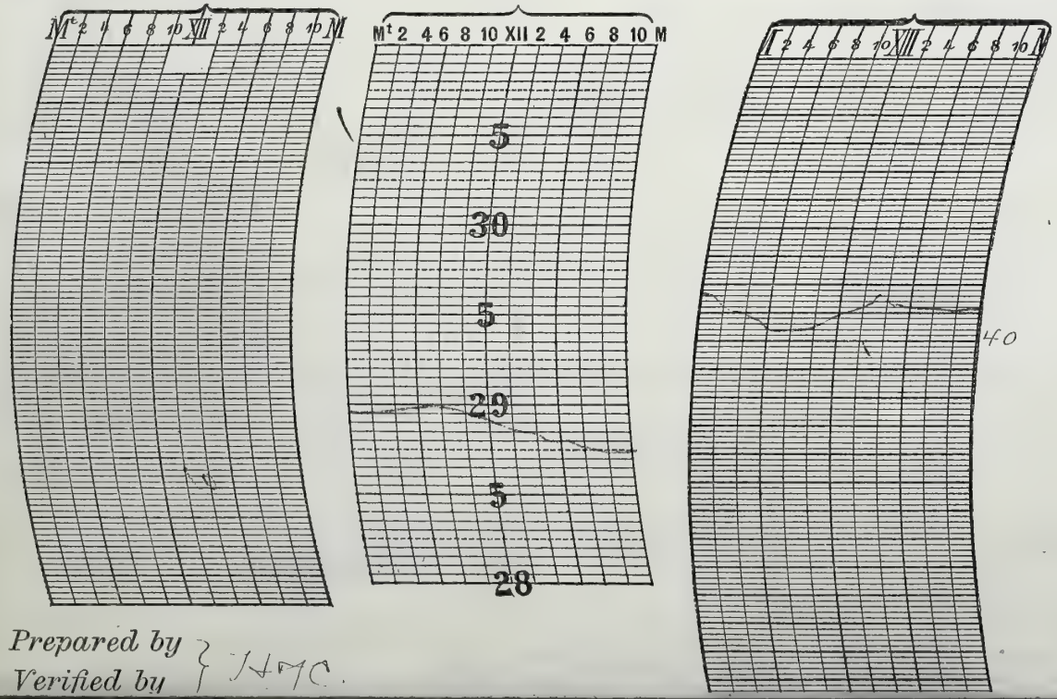
	Maximum.	Minimum.	Mean.	Normal.
	48	42	46	45

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .06 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 10
Actual sunshine, hours, 0.2
Possible sunshine, hours, 10.6
Percentage of possible sunshine, 2
Prevailing direction NE
Total movement, 331
Average hourly velocity, 13.8

Maximum velocity,	Direction,	Time.
27	NE	1.20 PM

Extreme velocity, 28
Relative humidity, 86 a. m. 96 p. m.
Reduced barometer, 29.90 a. m. 29.70 p. m.
River gage, 3.4 ft

NOTES.



Prepared by
Verified by } H.M.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) OCT 28 1913, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	46	44	43	42	41	42	42	42	42	42	43	43	46 RE 1220	46	46	45	45	43	41	41	40	40	40	40
State of weather: Nature of precipitation and time of beginning and ending																								
State of weather: Amounts of precipitation	T	T	T	T	T	T	T	T	T	T	T	.01	T											
State of weather: Cloudiness and other conditions								Cloudy						Cloudy										
Sunrise: Time, 6.07 Character, Cloudy																					Sunset: Time, 4.42 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	16	21	15	15	18	12	12	16	17	13	13	11	10	12	13	13	11	10	7	7	6	5	5	5
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
46	40	43	.

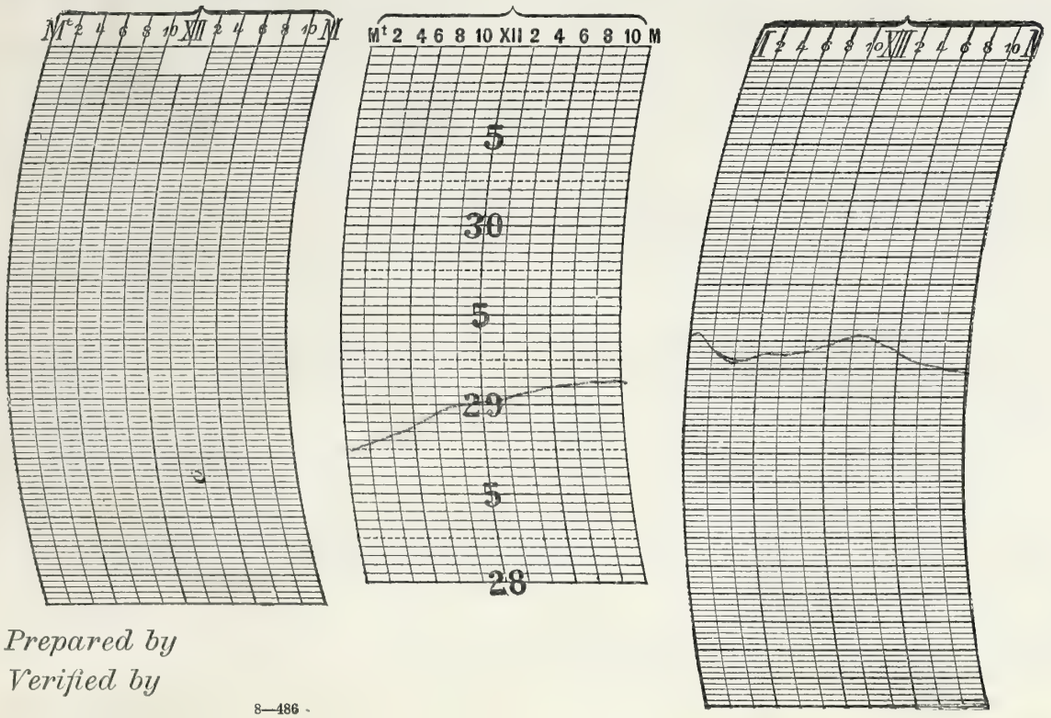
Total depth of snow for 24 hours ending 7 p. m., 0 inche
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .05 ins.; to 7 p. m., .02 ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10) 10
Actual sunshine, hours, 0
Possible sunshine, hours, 10.6
Percentage of possible sunshine, 0
Prevailing direction SW
Total movement, 283
Average hourly velocity, 11.8

Maximum velocity,	Direction,	Time.
25	SW	1.03 AM.

Extreme velocity, 26

Relative humidity, 100 a. m. 77 p. m.
Reduced barometer, 29.85 a. m. 30.05 p. m.
River gage, 3.3 ft

NOTES.



Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) OCT 29 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	39	38	37	37	37	37	38	39	40	42	44	46	46	47	48	48	47	46	40	37	35	33	32	32
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Cloudy							Cloudy									
Sunrise: Time, Character	6.09 Cloudy																				Sunset: 4.41 Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	SW	S	SW	SW	E	S	SE	SE	E	S	S	S	S	S	SW	S	SW	SW	SW	SW	SW	W	SW	W
Wind movement	6	6	7	4	4	6	3	3	6	4	6	5	6	4	5	4	4	5	11	15	14	13	14	12
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	48	32	40	

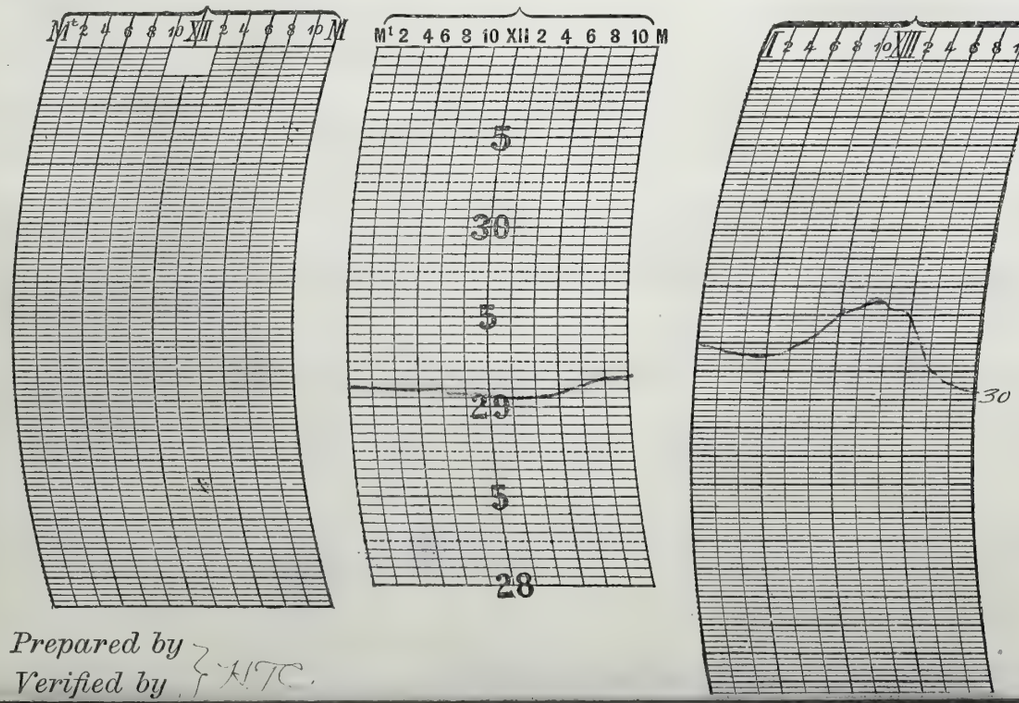
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10) 10
Actual sunshine, hours, 0
Possible sunshine, hours, 10.5
Percentage of possible sunshine, 0
Prevailing direction SW
Total movement, 167
Average hourly velocity, 7.0

Maximum velocity,	Direction,	Time,
18	SW	7.20 P.M.

Extreme velocity, 18
Relative humidity, 87 a. m. 85 p. m.
Reduced barometer, 30.02 a. m. 30.04 p. m.
River gage, 3.2 ft

NOTES.

Lt. Fog {BDN A / E 7.20 A.



Prepared by
Verified by H.T.C.

Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) OCT 30 1913, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	32	32	33	33	33	33	33	34	34	35	35	40	42	41	39	38	37	37	36	36	35	35	35
State of weather: Nature of precipitation and time of beginning and ending				SB DN						SE 9.20										RB 7.15 RE 7.45 77				
State of weather: Amounts of precipitation																								
State of weather: Cloudiness and other conditions							Cloudy							Cloudy										
Sunrise: Time 6.10, Character Cloudy																					Sunset: Time 4.40, Character Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0.9	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	NW	NW	NW	NW	NW	NW	NW	W	W	W	W	W	W	W	W
Wind movement	13	12	11	10	10	6	5	4	6	9	7	9	9	9	10	12	7	8	8	8	8	5	5	6
Maximum velocities (exceeding 24 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

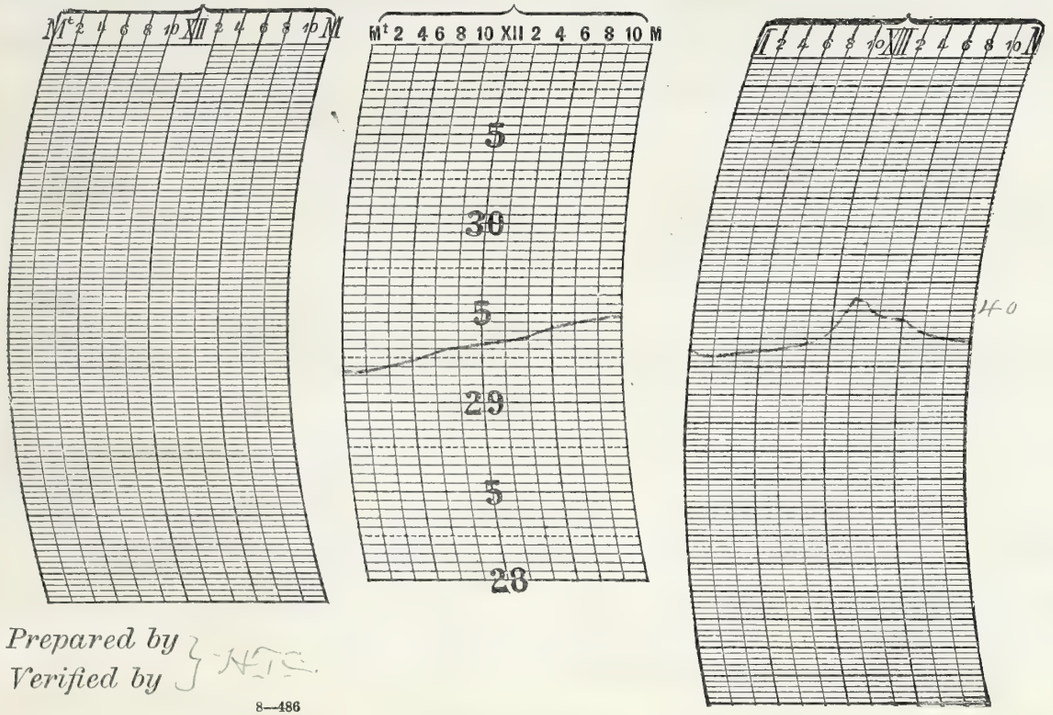
	Maximum.	Minimum.	Mean.	Normal.
	42	32	37	

Total depth of snow for 24 hours ending 7 p. m., 0.2 in.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0.2 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., .01 in.
Total precipitation, midnight to midnight, 0.2 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10) 9
Actual sunshine, hours, 0.9
Possible sunshine, hours, 10.5
Percentage of possible sunshine, 9
Prevailing direction W
Total movement, 197
Average hourly velocity, 8.2

Maximum velocity,	Direction,	Time.
14	SW	1.00 A.M.

Extreme velocity, 25
Relative humidity, 100 a. m. 87 p. m.
Reduced barometer, 30.20 a. m. 30.38 p. m.
River gage, 3.2 ft

NOTES.



Prepared by
Verified by NTC

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) Oct 31 1913, 191

Time (local standard) 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	35	35	32	31	30	30	31	32	33	34	38	40	39	39	39	39	39	37	35	34	33	32	30	29
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Pt Cloudy						Pt Cloudy											
Sunrise: Time, Character,	6.11 Cloudy																				Sunset: Time, 4.38 Character, Cloudy			
Sunshine (in tenths of hours)							0	0.2	0.6	0.9	0.6	0.3	0	0	0	0.2	0							0
Wind direction	W	W	W	SW	SW	SW	SW	W	W	NW	NW	NW	NW	NW	NW	NW	W	W	W	W	W	W	W	W
Wind movement	8	9	10	10	9	8	9	8	10	12	14	11	13	11	10	10	5	5	7	5	5	4	4	4

Maximum 29 velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

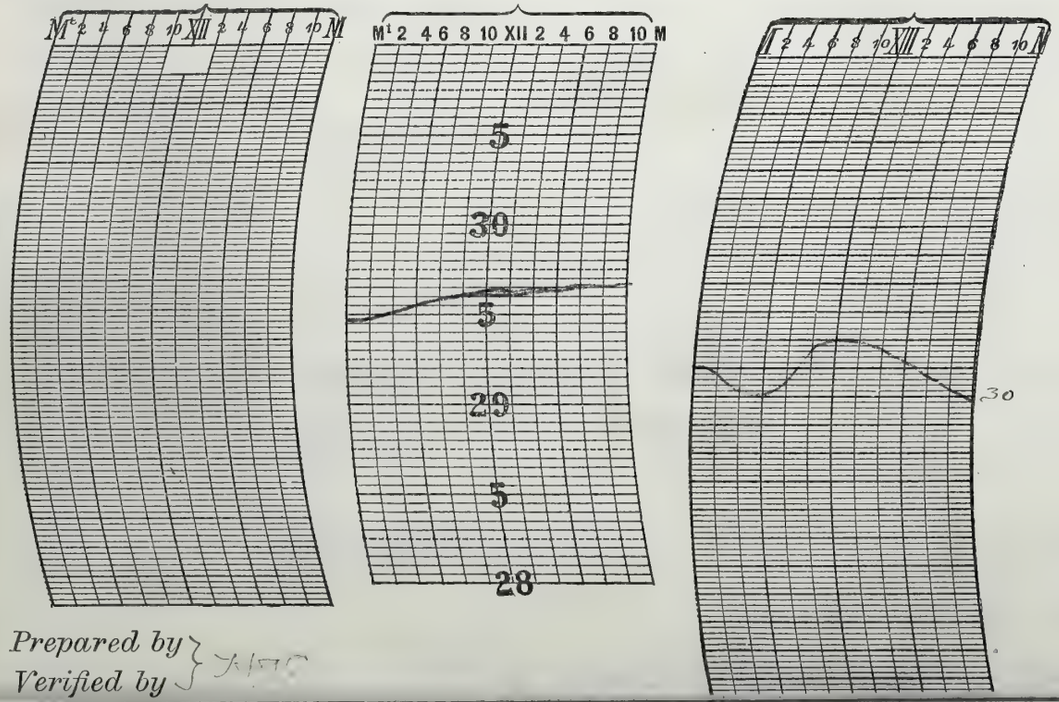
Maximum.	Minimum.	Mean.	Normal.
40	29	34	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., Tr ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0–10) 7
Actual sunshine, hours, 2.8
Possible sunshine, hours, 10.4
Percentage of possible sunshine, 27
Prevailing direction W
Total movement, 201
Average hourly velocity, 8.4

Maximum velocity,	Direction,	Time,
17	NW	10.20 AM

Extreme velocity, 18
Relative humidity, 74 a. m. 76 p. m.
Reduced barometer, 30.53 a. m. 30.61 p. m.
River gage, 3.1 ft

NOTES.



Prepared by
Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) NOV 1 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	28	27	26	25	25	23	23	25	31	35	38	40	42	44	44	43	40	37	36	34	32	31	31	30
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Clear						Clear										
Sunshine (in tenths of hours)							.80 0	.04 0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.1 0.9	.62 0							
Wind direction	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	5	6	6	6	7	8	9	9	11	13	15	12	11	13	12	11	9	7	8	8	7	9	7	7

Sunrise: Time, 6.12 Character, Clear

Sunset: Time, 4.37 Character, Clear

Maximum velocities (exceeding 24 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

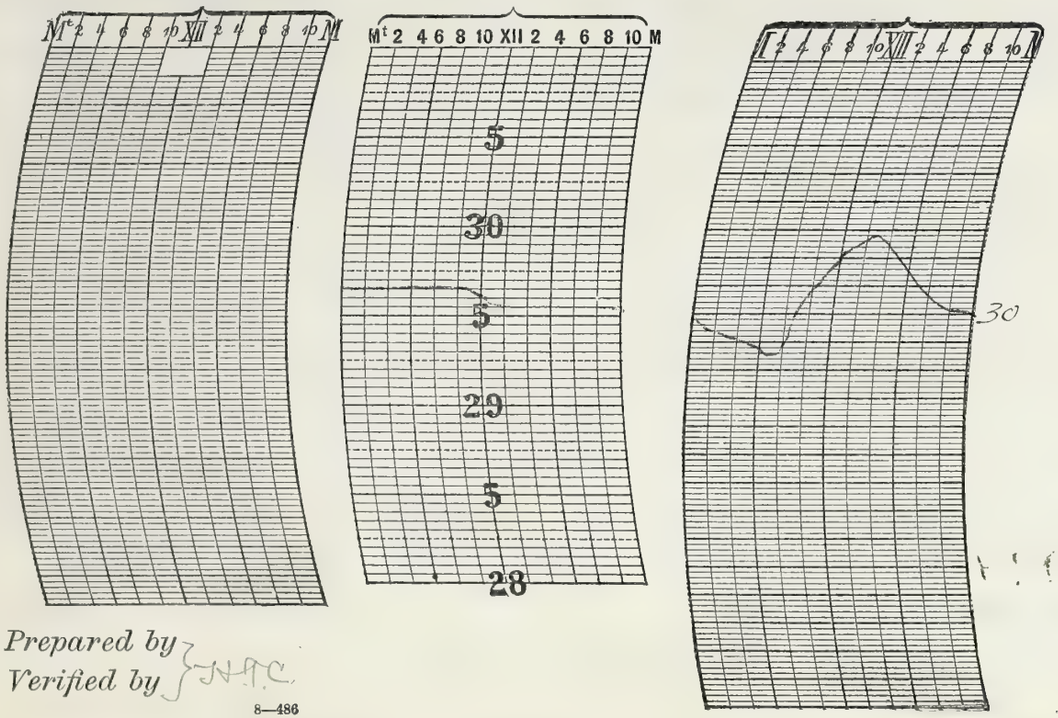
	Maximum.	Minimum.	Mean.	Normal.
	44	23	34	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 0
Actual sunshine, hours, 10.4
Possible sunshine, hours, 10.4
Percentage of possible sunshine, 100
Prevailing direction SW
Total movement, 216
Average hourly velocity, 9.0

Maximum velocity,	Direction,	Time.
17	SW	10.45 A.M.

Extreme velocity, 18
Relative humidity, 82 a. m. 67 p. m.
Reduced barometer, 30.60 a. m. 30.48 p. m.
River gage, 2.9 ft

NOTES.



Prepared by
Verified by J.H.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) NOV 2 1913, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	30	29	29	30	29	29	32	37	43	45	49	50	52	51	51	49	47	46	45	45	45	45	44
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions					Pr Cldy — × Clear —								Clear —											
Sunshine (in tenths of hours)				0			0	0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.6							
Wind direction	SW	SW	SW	SW	SW	S	S	S	SW	SW	SW	SW	SW	S	S	S	S	S	S	S	S	SW	SW	SW
Wind movement	6	6	5	5	5	5	6	6	7	9	9	10	12	10	11	8	8	7	10	11	9	9	9	10
Maximum velocities (exceeding 29 miles) direction and time																								

Sunrise: Time 6.13, Character Cloudy

Sunset: Time 4.36, Character Clear

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	52	29	40	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 2
Actual sunshine, hours, 8.6
Possible sunshine, hours, 10.4
Percentage of possible sunshine, 83
Prevailing direction SW
Total movement, 193
Average hourly velocity, 8.0

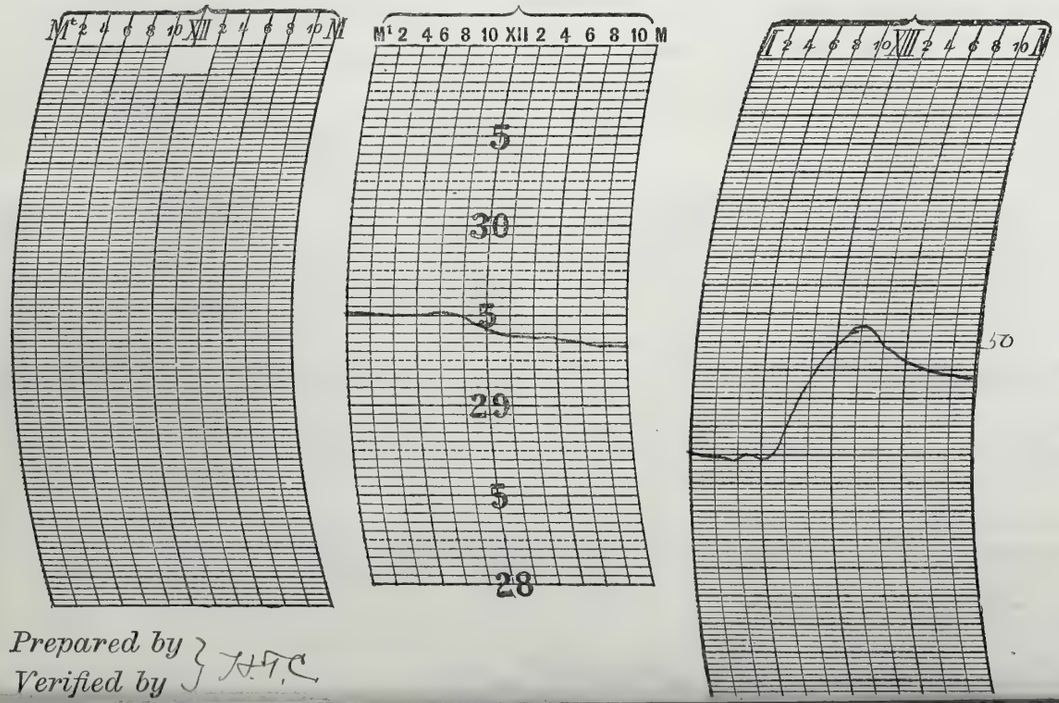
Maximum velocity,	Direction,	Time.
13	S	12.50 P.M.

Extreme velocity, 15

	a. m.	p. m.
Relative humidity,	74	49
Reduced barometer,	30.47	30.32

River gage, 2.7 ft.

NOTES.



Prepared by
Verified by } H.F.C

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) NOV 3 1913, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	44	44	43	43	43	43	44	49	51	54	52	53	56	57	58	57	55	53	54	54	52	50	48	46
State of weather: Nature of precipitation and time of beginning and ending																			RB 6.37	RE 7.20				
State of weather: Amounts of precipitation																			T	T				
State of weather: Cloudiness and other conditions								Cloudy					Cloudy											
Sunrise: Time 6.15, Character Cloudy																					Sunset: Time 4.35, Character Cloudy			
Sunshine (in tenths of hours)							0	0	0	0.3	0	0	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W
Wind movement	10	10	10	11	11	9	11	11	13	18	18	14	20	18	18	17	21	16	17	17	16	17	14	11
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	58	43	51	

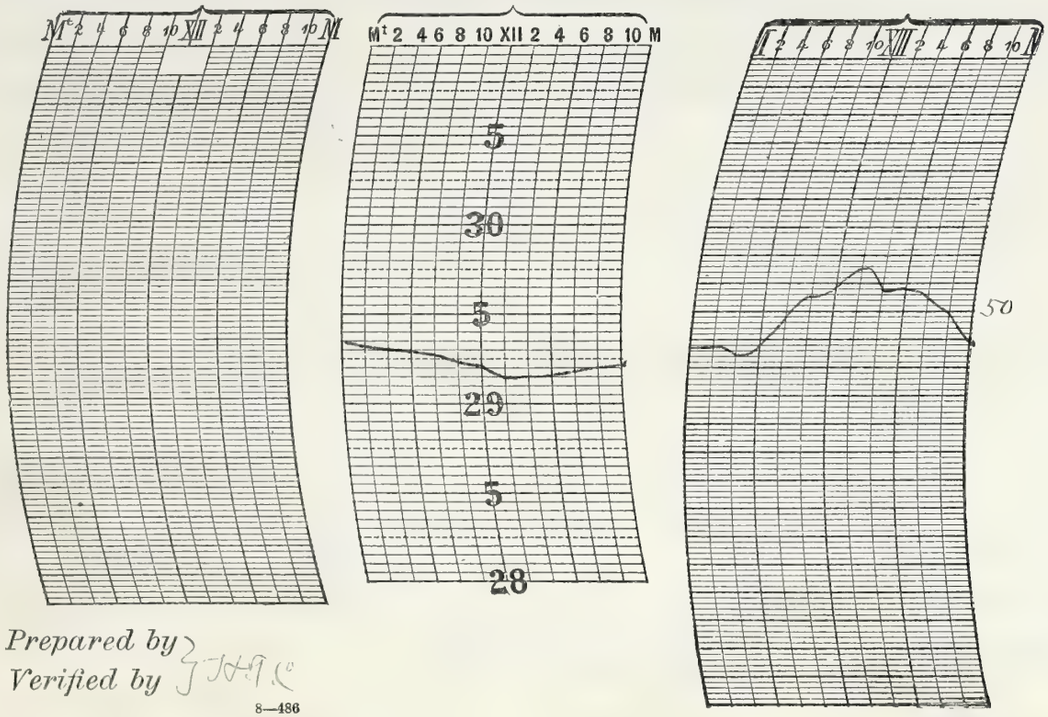
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10) 10
Actual sunshine, hours, 0.3
Possible sunshine, hours, 10.3
Percentage of possible sunshine, 3
Prevailing direction SW
Total movement, 348
Average hourly velocity, 14.5

Maximum velocity,	Direction,	Time.
28	SW	2.50 pM.

Extreme velocity, 28 29

Relative humidity, 62 a. m. 100 p. m.
Reduced barometer, 30.14 a. m. 30.11 p. m.
River gage, 2.3 ft

NOTES.



Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) NOV 4 1913, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	43	42	41	39	38	37	36 (35)	38	40	43	43	44	45	45	45	45	44	42	40	39	38	37	35	33
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							-	Pt Cloudy					+	Clear										
Sunrise: Time, Character,	6.16 Clear																				Sunset: Time, Character,			
Sunshine (in tenths of hours)							0	0.4	0.2	1.0	0.5	0.7	1.0	1.0	1.0	1.0	0							
Wind direction	W	W	W	W	W	W	W	W	NW	N	N	NW	NW	N	N	N	N	N	NE	NE	NE	NE	NE	N
Wind movement	10	10	10	9	10	9	8	8	9	8	10	11	12	9	9	8	5	6	7	4	2	2	1	3
Maximum velocities (exceeding 27 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.
	45	33	39	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear. Moon phase,
Average daily cloudiness (0–10) 2.1
Actual sunshine, hours, 8.6 8.7
Possible sunshine, hours, 10.3
Percentage of possible sunshine, 84
Prevailing direction N. W.
Total movement, 180
Average hourly velocity, 7.5

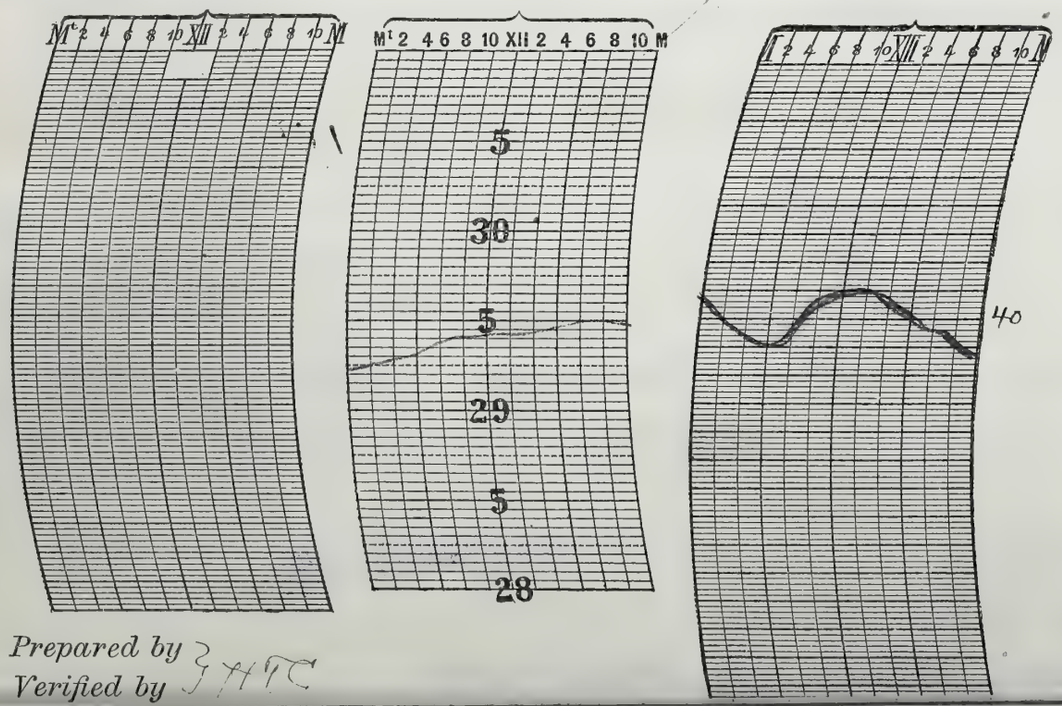
Maximum velocity,	Direction,	Time.
15	NW	12.20 P.M.

Extreme velocity, 17

	a. m.	p. m.
Relative humidity,	83	78
Reduced barometer,	30.31	30.41

River gage, 2.4 ft.

NOTES.



Prepared by
Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) NOV 5 1913, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	33	33	31	31	31	30	28 30	31	40	44	46	50	53	55	55	56	53	51	48	46	46	46	44	43
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions									Clear					Clear										
Sunrise: Time 6.11, Character Clear																					Sunset: Time 4.32, Character Clear			
Sunshine (in tenths of hours)							.12 0	1.0 0	.04 0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.43 0.1							
Wind direction	N	N	N	N	N	0	N	N	NE	S	SE	S	S	SW	S	SW	S	S	SE	SE	SE	SE	SE	SE
Wind movement	3	1	1	1	1	0	2	1	4	5	8	7	6	5	5	4	4	4	4	4	6	5	6	8
Maximum velocities (exceeding 24 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	56	28	42	

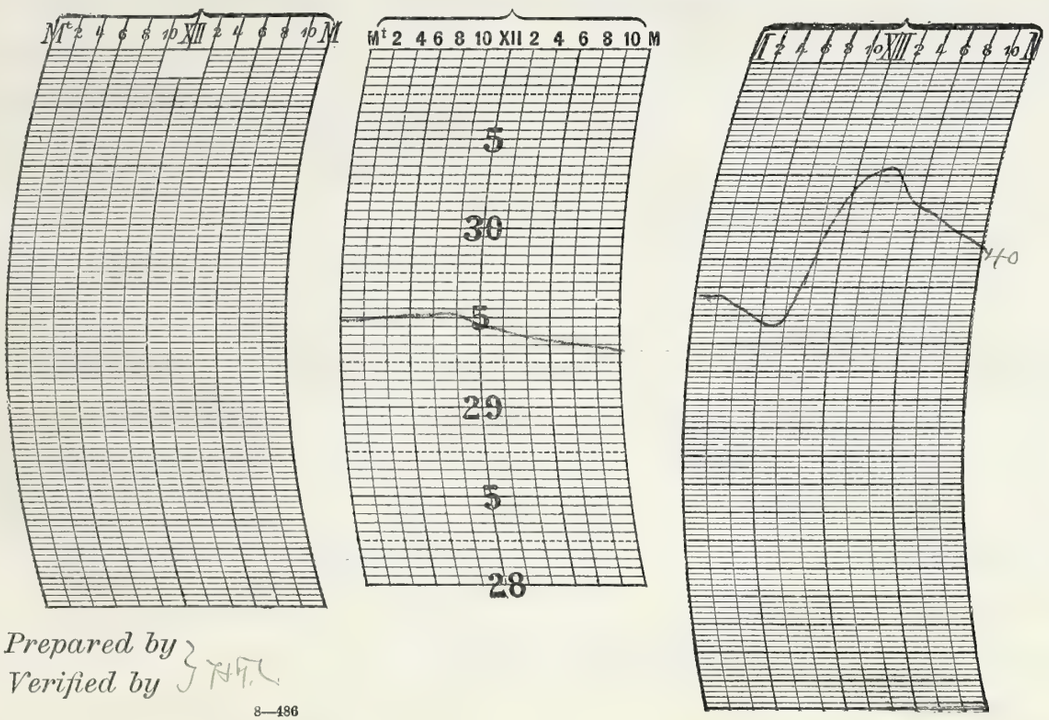
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10) 0
Actual sunshine, hours, 10.2
Possible sunshine, hours, 10.2
Percentage of possible sunshine, 100
Prevailing direction N. SE
Total movement, 93
Average hourly velocity, 4.0

Maximum velocity,	Direction,	Time.
10	SE	11.15 PM.

Extreme velocity, 10

Relative humidity, 95 a. m. 57 p. m.
Reduced barometer, 30.46 a. m. 30.30 p. m.
River gage, 2.3 ft

NOTES.



Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) NOV 6 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	42	40	39	36	35	33	35	40	45	50	53	58	61	62	62	61	57	56	53	52	52	52	52	53
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear							Clear & Hazy										
Sunrise: Time, Character,	6.18 Clear																				Sunset: Time, 4.31 Character, Cloudy			
Sunshine (in tenths of hours)							0	0.1	1.0	1.0	1.0	1.0	1.0	1.0	0.8	0	0							
Wind direction	SE	SE	SE	SE	SE	SE	SE	SE	S	S	SW	SW	SW	SW	SW	S	SW	S	S	S	S	S	S	S
Wind movement	4	4	2	2	3	2	2	3	7	8	8	10	14	14	12	9	10	9	9	9	11	10	9	8
Maximum velocities (exceeding 27 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum 62 — Minimum 33 — Mean 48 — Normal

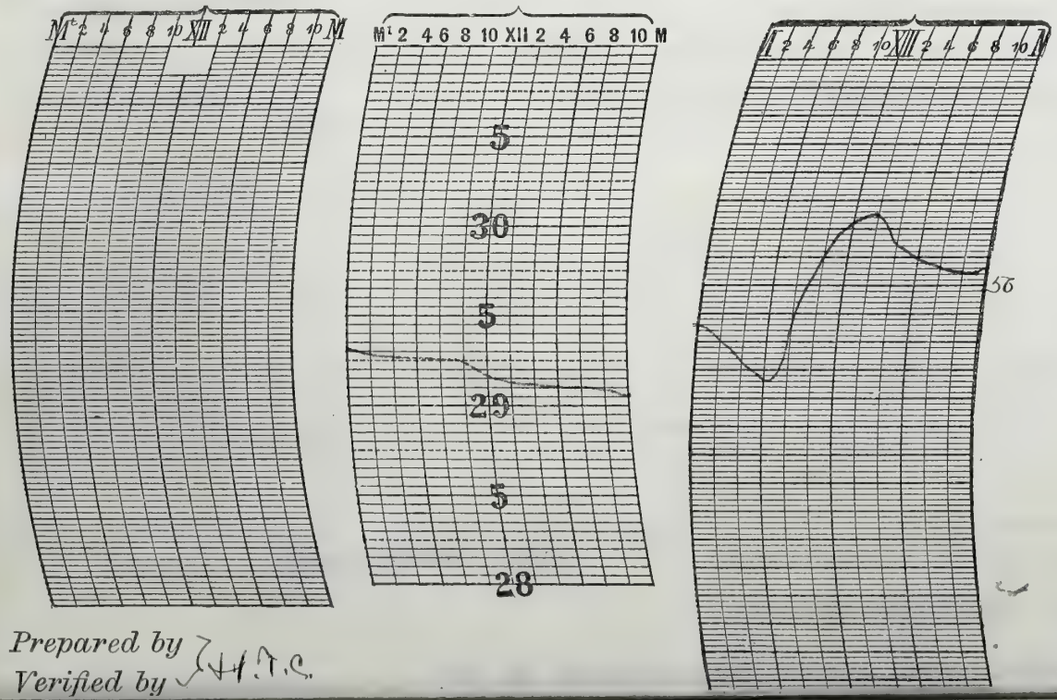
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear — Moon phase,
Average daily cloudiness (0–10) 2
Actual sunshine, hours, 8.5
Possible sunshine, hours, 10.2
Percentage of possible sunshine, 83
Prevailing direction S
Total movement, 179
Average hourly velocity, 7.5

Maximum velocity.	Direction.	Time.
16	SW	1.10 P.M.

Extreme velocity, 17

Relative humidity, 81 a. m., 61 p. m.
Reduced barometer, 30.19 a. m., 30.03 p. m.
River gage, 2.2 ft.

NOTES.



Prepared by
Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) NOV 7 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	53	52	52	54	54	54	54	55	57	58	57	60	61	60	58	57	56	56	55	53	51	51	50	49
State of weather: Nature of precipitation and time of beginning and ending										RB 9.34	RE 9.35								RB 6.14					
State of weather: Amounts of precipitation										T	T								.03	.07	.17	.11	.03	T
State of weather: Cloudiness and other conditions								Cloudy						Cloudy										
Sunshine (in tenths of hours)							0	0.1	0.1	0	0	0.2	0.6	0	0	0	0							
Wind direction	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	SW	SW	SW	SW	SW
Wind movement	11	9	8	10	10	11	11	11	14	14	16	19	23	18	14	15	15	15	16	11	11	7	10	10

Sunrise: Time, 6.19 Character, Cloudy

Sunset: Time, 4.30 Character, Cloudy

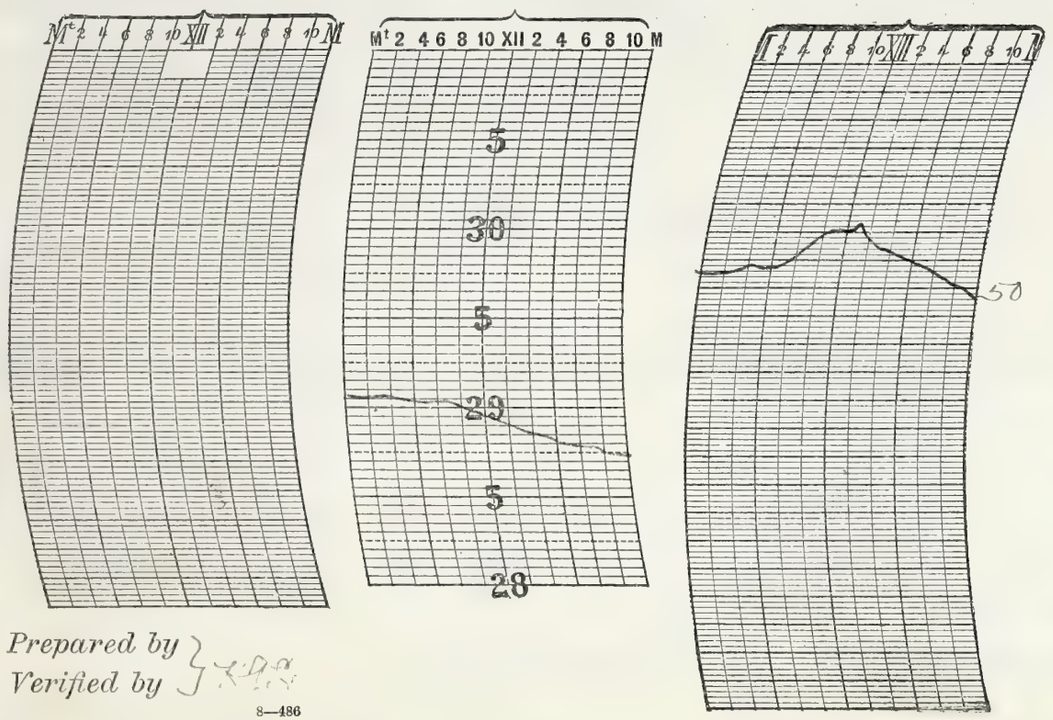
Maximum velocities (exceeding 24 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration: From—	To—	Total amount of precipitation.	Excessive rate: Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below: 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	61	49	55	

Total depth of snow for 24 hours ending 7 p. m., 0 inche
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .03 ins.
Total precipitation, midnight to midnight, .41 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10), 10
Actual sunshine, hours, 1.0
Possible sunshine, hours, 10.2
Percentage of possible sunshine, 10
Prevailing direction, S
Total movement, 311
Average hourly velocity, 13.0
Maximum velocity, 23 Direction, S Time, 12.40 P.M
Extreme velocity, 23
Relative humidity, 71 a. m. 100 p. m.
Reduced barometer, 29.94 a. m. 29.71 p. m.
River gage, 2.2 ft

NOTES.



Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) NOV 8 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	49	50	49	49	45	43	41	39	39	38	38	38	38	38	37	35	34	33	33	32	32	32	32	32
	RE DN								RB 8.12	RE 9.14										RB 7.36	RE 8.52			
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation	.03								T	T										T	T			
Cloudiness and other conditions									Cloudy					Cloudy										
Sunrise: Time, 6.21 Character, Cloudy																					Sunset: Time, 4.29 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	W	W	W	W	W	W	W	W	W	W
Wind movement	11	11	11	16	17	20	21	20	21	18	16	17	17	17	15	16	14	14	13	9	9	9	9	10
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

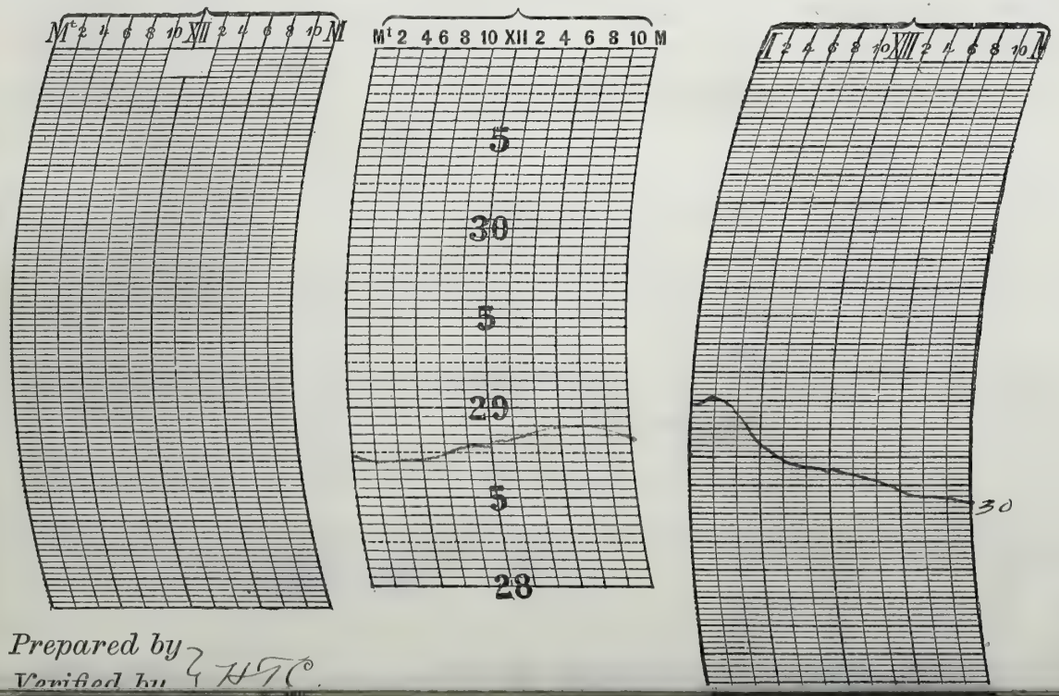
	Maximum.	Minimum.	Mean.	Normal.
	50	32	41	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .40 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10) 10
Actual sunshine, hours, 0
Possible sunshine, hours, 10.1
Percentage of possible sunshine, 0
Prevailing direction W
Total movement, 351
Average hourly velocity, 14.6

Maximum velocity,	Direction,	Time.
26	SW	8.05 AM.

Extreme velocity, 27
Relative humidity, 90 a. m. 85 p. m.
Reduced barometer, 29.64 a. m. 29.84 p. m.
River gage, 2.5 ft

NOTES.



Prepared by
Verified by HTC

Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) NOV 9 1913, 191

Time (local standard), 90 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	31	30	30	30	30	29	29	28	28	27 SR 10.50	27	28	28	27	27	27 5h ##40	27	27	27	28	28	29	30
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							—	Cloudy				—	—	Cloudy			—							
Sunrise: Time, 6.22 Character, Cloudy																					Sunset: Time, 4.28 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	NW	NW	NW	NW	NW	NW	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	13	11	11	9	13	13	16	21	22	21	[illegible]	[illegible]	25	25	26	25	24	25	26	27	32	37	31	28
Maximum velocities (exceeding 24 miles) direction and time													30 NW 2.10	31 NW 1.40	32 NW 2.52	30 NW 3.45				33 NW 7.56	38 NW 8.55	40 NW 9.43	36 NW 10.25	35 NW 11.25

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

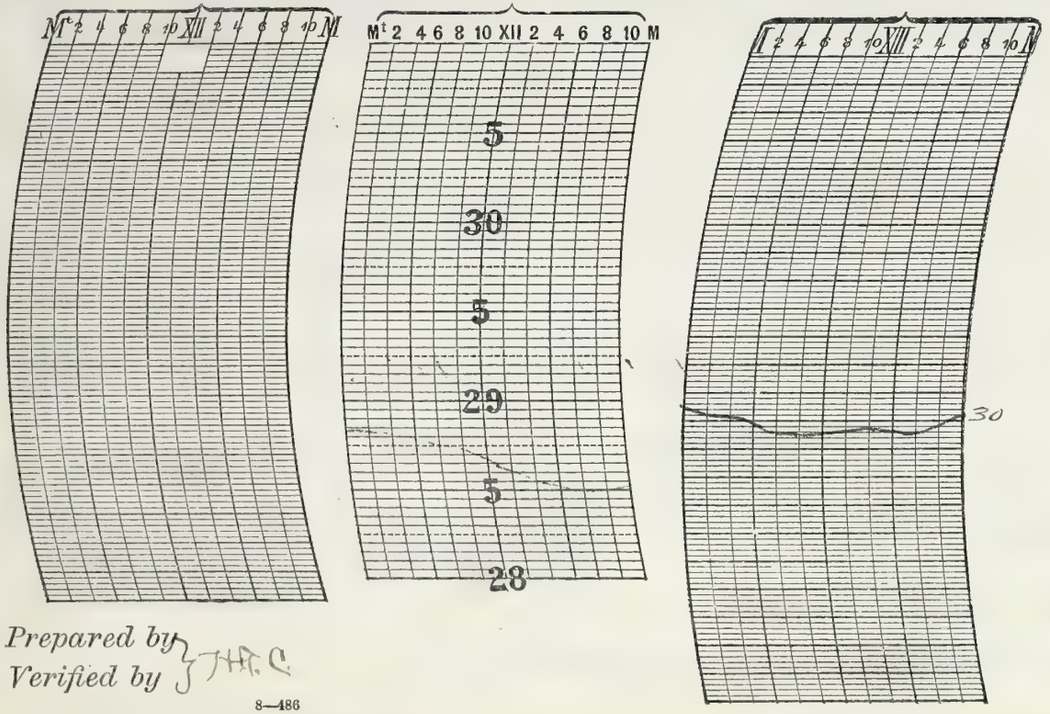
Maximum.	Minimum.	Mean.	Normal.
32	27	30	

Total depth of snow for 24 hours ending 7 p. m., 03 inches.
Snow on ground 7 p. m., 03 inches.
Total snowfall, midnight to midnight, 06 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 03 ins.
Total precipitation, midnight to midnight, 06 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 10
Actual sunshine, hours, 0
Possible sunshine, hours, 10.1
Percentage of possible sunshine, 0
Prevailing direction NW
Total movement, 527
Average hourly velocity, 22.0

Maximum velocity,	Direction,	Time.
40	NW	9.43 PM

Extreme velocity, 44
Relative humidity, 83 a. m. 82 89 p. m.
Reduced barometer, 29.74 a. m. 29.45 p. m.
River gage, 2.4 ft

NOTES.



Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) NOV 10 1913, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	27	26	26	25	25	25 (24)	25	25	27	28	29	26	26	26	26	25	25	25	25	25	25	25	25
State of weather: Nature of precipitation and time of beginning and ending							SE 6.34						SW 12.17				SE 4.40							
Amounts of precipitation																								
Cloudiness and other conditions									Cloudy					Cloudy										
Sunrise: Time 6.23, Character Cloudy																					Sunset: Time 4.27, Character Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0.4	0.2	0	0	0	0	0							
Wind direction	NW	NW	NW	W	W	W	W	W	W	NW	W	W	SW	W	W	W	W	W	W	W	W	SW	SW	SW
Wind movement	30	26	28	24	27	22	23	22	21	23	24	22	22	16	18	21	20	20	19	16	16	15	15	13
Maximum velocities (exceeding 29 miles) direction and time	35 NW 12.35	32 NW 1.10	33 NW 2.50	34 W 3.20	31 NW 4.05																			

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum 30 — Minimum 24 — Mean 27 — Normal.

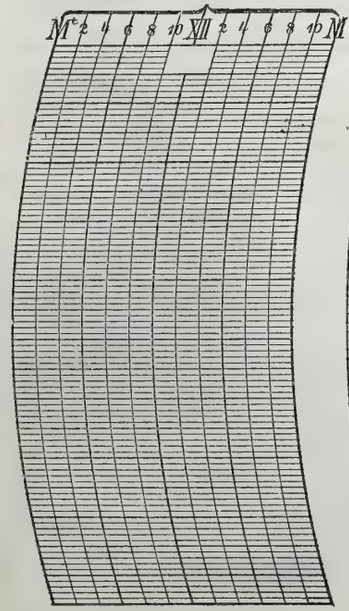
Total depth of snow for 24 hours ending 7 p. m., 04 inches.
Snow on ground 7 p. m., 0.5 inches.
Total snowfall, midnight to midnight, 0.1 inches.
Precipitation to 7 a. m., 04 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 9.10
Actual sunshine, hours, 0.6
Possible sunshine, hours, 10.1
Percentage of possible sunshine, 6
Prevailing direction W
Total movement, 508
Average hourly velocity, 21.2

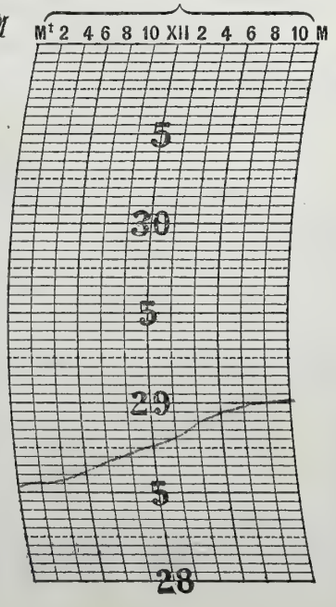
Maximum velocity, 35 Direction, NW Time, 12.35 A.M.
Extreme velocity, 38

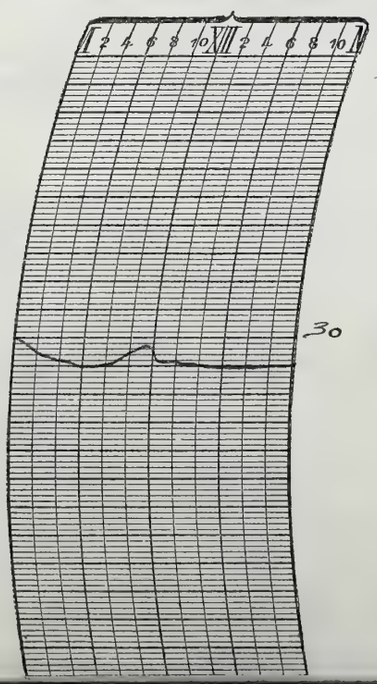
Relative humidity, 82 a. m. 81 p. m.
Reduced barometer, 29.60 a. m. 29.94 p. m.
River gage, 2.4 ft

NOTES.

Streets and walks slippery from snow and ice







Prepared by
Verified by } HTC

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) NOV 11 1913, 191

Time (local standard), 90 mer.

	A.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	25	25	24	23	23	24	25	26	27	28	30	32	33	35	35	34	34	33	30	30	30	29	29	29
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Cloudy		x			Clear											
Sunrise: Time, 6.24 Character, Cloudy																					Sunset: Time, 4.26 Character, Clear			
Sunshine (in tenths of hours)							0	0	0	0.4	1.0	1.0	1.0	1.0	1.0	0.6	0							
Wind direction	SW	SW	SW	SW	SW	W	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S
Wind movement	15	14	13	13	13	11	13	14	13	16	14	14	15	14	14	13	8	7	7	7	8	9	9	9

Maximum 29 velocities (exceeding ___ miles) direction and time

Excessive precipitation, accumulated amounts

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

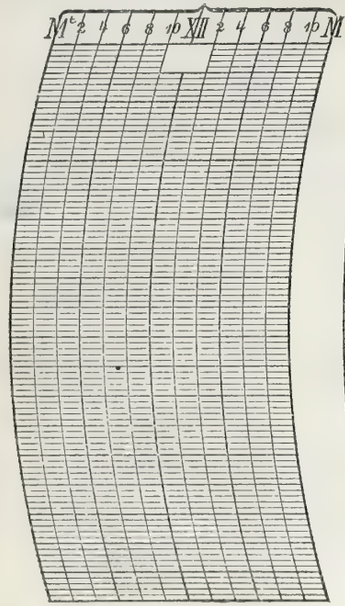
1 hours slower than 75th meridian time.

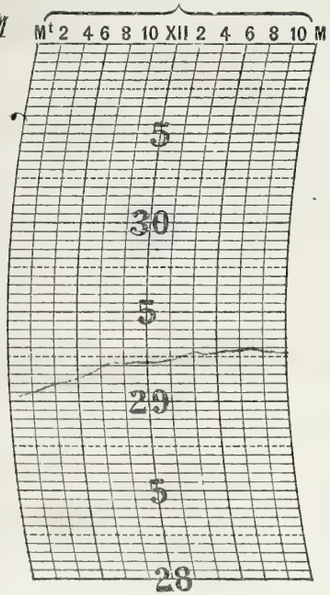
	Maximum.	Minimum.	Mean.	Normal.
	35	23	29	

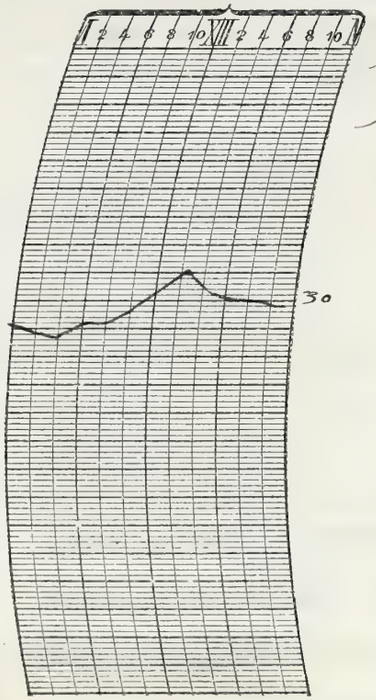
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 11 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear. Moon phase,
Average daily cloudiness (0–10). 3
Actual sunshine, hours, 6.8
Possible sunshine, hours, 10.1
Percentage of possible sunshine, 68
Prevailing direction SW
Total movement, 283
Average hourly velocity, 11.8

Maximum velocity,	Direction,	Time.
18	SW	9.20 AM.

Extreme velocity, 19
Relative humidity, 74 a. m. 74 p. m.
Reduced barometer, 30.12 a. m. 30.23 p. m.
River gage, 2.3 ft







NOTES.

Streets and walks ~~about~~ nearly free from snow and ice

Prepared by
Verified by } J.H.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) NOV 12 1918, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	29	29	29	30	31	33	35	40	45	51	54	56	58	60	59	57	55	54	54	54	54	53	53
State of weather: Nature of precipitation and time of beginning and ending																				RB 7.50				
Amounts of precipitation																				.01	.01	.01	.01	T
Cloudiness and other conditions							—	—	Clear	—	—	—		—	Clear	—	—	—	—	—	—	—	—	—
Sunrise: Time, Character	6.25 Cloudy																							
Sunset: Time, Character																					4.25 Clear			
Sunshine (in tenths of hours)							0	0	0.8	1.0	1.0	1.0	1.0	1.0	1.0	0.3 0.7	.42 0							
Wind direction	S	S	S	S	S	S	S	S	S	S	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	8	6	8	11	11	12	15	17	18	19	21	22	23	24	20	17	11	9	8	9	13	9	10	12
Maximum velocities (exceeding 29 miles) direction and time														30 SW 1.35										

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum. 60 | Minimum. 29 | Mean. 44 | Normal.

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .10 inches.

Character of day, Clear Moon phase,

Average daily cloudiness (0–10) 2

Actual sunshine, hours, 8.2

Possible sunshine, hours, 10.0

Percentage of possible sunshine, 82

Prevailing direction SW

Total movement, ~~88~~ 333

Average hourly velocity, ~~13.5~~ 13.9

Maximum velocity, 30 Direction, SW Time, 1.35 P.M.

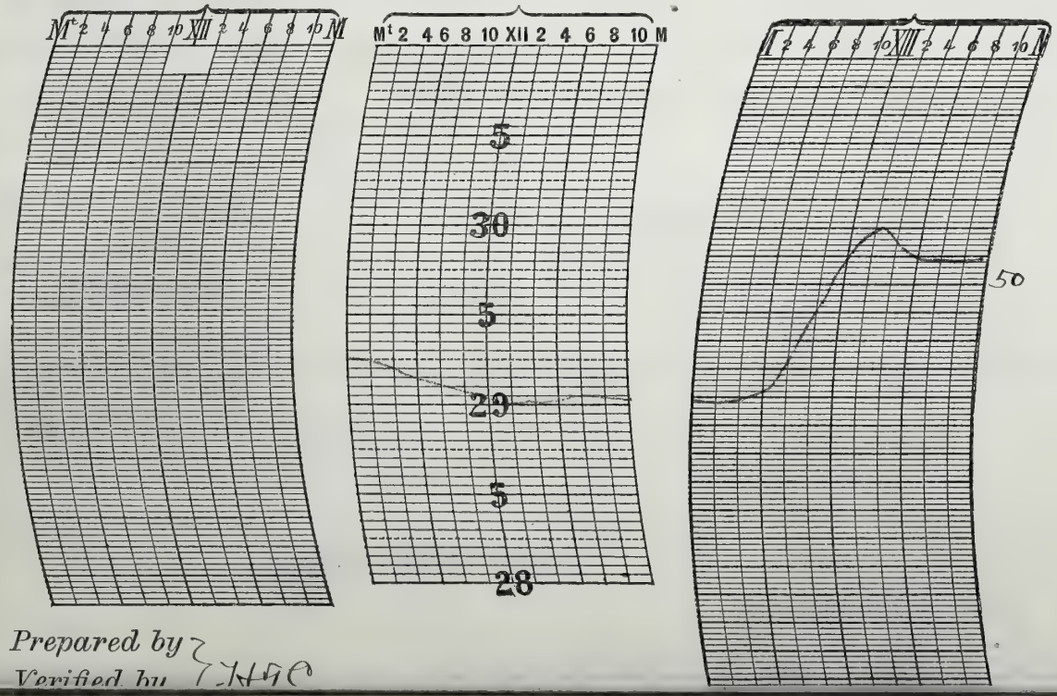
Extreme velocity, 31

Relative humidity, 66 a. m. 79 p. m.

Reduced barometer, 30.01 a. m. 29.96 p. m.

River gage, 2.3 ft

NOTES.



Prepared by

Verified by

Verified by A.M.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) NOV 18 1913, 191

Time (local standard) 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	56	57	57	57	56	56	55 RE 6.25	56	57	56	58	59	61	62	60	60	60	59	53	53	52 RB 8.38	48	47	45
State of weather: Nature of precipitation and time of beginning and ending																C								
State of weather: Amounts of precipitation	.02	T	.01	T	T	.02	.02														.01	.05	.03	.01
State of weather: Cloudiness and other conditions							Cloudy							Cloudy										
Sunrise: Time, 6.26 Character, Cloudy																					Sunset: Time, 4.25 Character, Cloudy			
Sunshine (in tenths of hours)				0			0	0	0	0	0	0	0.5	0.8	0	0	0							0
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	W	NW	N	N	N	N	NW
Wind movement	14	13	14	14	15	14	15	14	14	12	12	13	14	13	8	6	5	5	4	6	7	5	4	6
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
62	45	54	

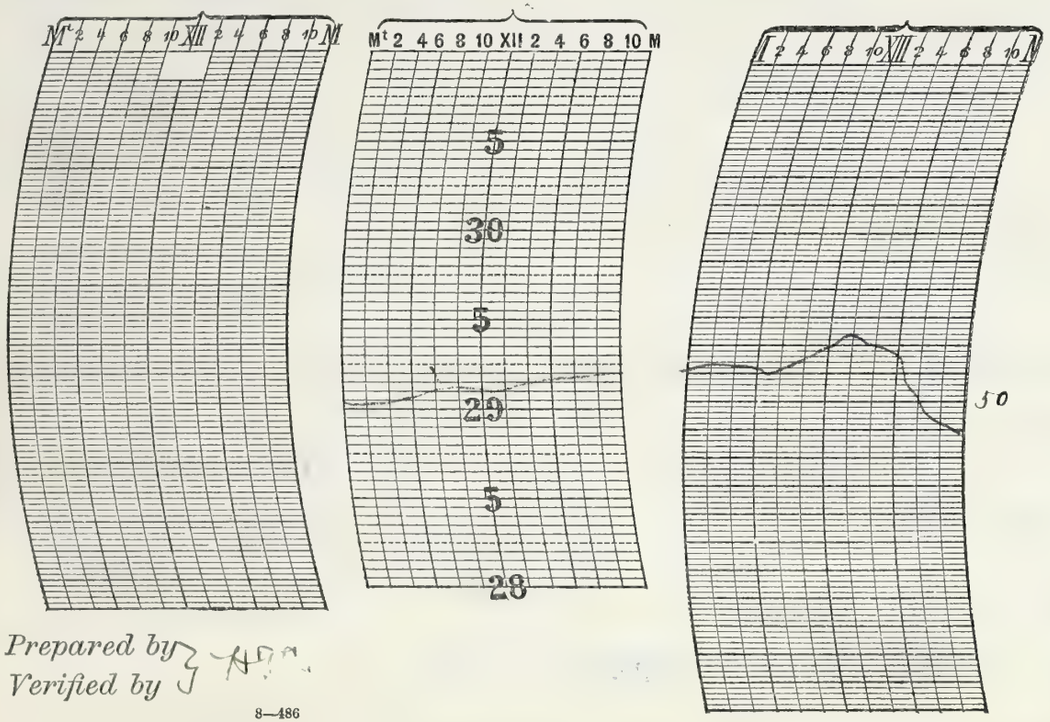
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .17 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .17 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 9
Actual sunshine, hours, 1.3
Possible sunshine, hours, 10.0
Percentage of possible sunshine, 13
Prevailing direction SW
Total movement, 247
Average hourly velocity, 10.3

Maximum velocity,	Direction,	Time.
17	SW	4.05 A.M.

Extreme velocity, 17

Relative humidity, 95 a. m. 82 p. m.
Reduced barometer 30.00 a. m. 30.10 p. m.
River gage, 2.3 ft.

NOTES.



Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) NOV 14 1913, 191

Time (local standard) 90 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	45	45	44	44 RE DN	43	43	42	41	42	42	44	45	45	46	45	43	42	41	40	40	38	37	36	35
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation	T	.01	T	.01																				
Cloudiness and other conditions						Pt Cldy & Clear							Clear & Pt Cldy											
Sunrise: Time, Character	6.28 Cloudy																				Sunset: Time, Character			
Sunshine (in tenths of hours)							0	0	0.6	1.0	1.0	1.0	1.0	1.0	0.4 ~~1.0~~	0	0							
Wind direction	N	N	N	N	N	NW	N	N	N	N	N	N	N	N	NE	NE	NE	NE	NE	NE	NE	NE	E	E
Wind movement	6	4	4	2	5	7	7	6	8	9	8	8	9	7	7	8	7.5	4	5	6	6	6	6	6
Maximum velocities (exceeding 24 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

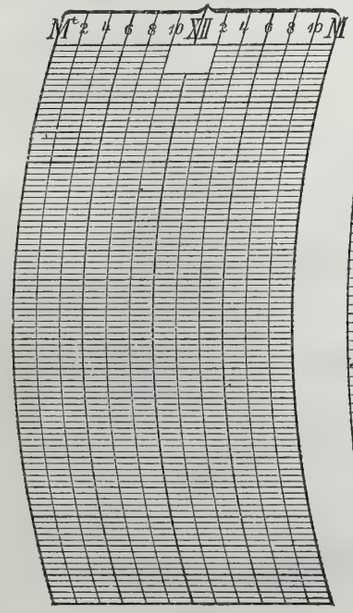
_____ hours slower than 75th meridian time.

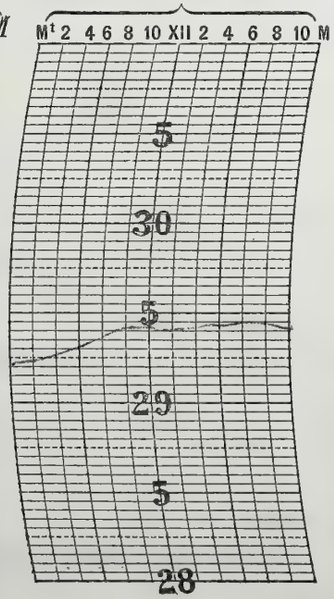
Maximum.	Minimum.	Mean.	Normal.
46	35	40	

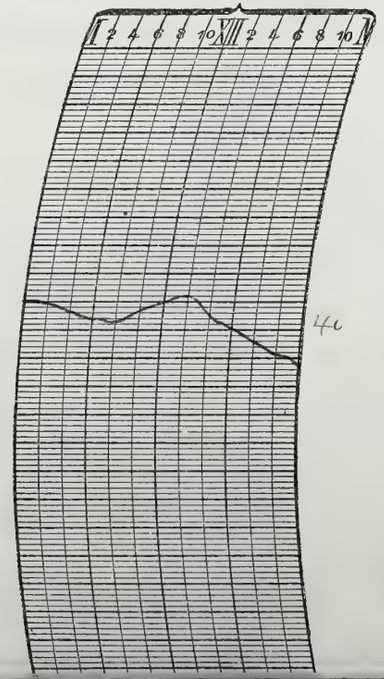
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .12 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10) 4
Actual sunshine, hours, 6.0
Possible sunshine, hours, 9.9
Percentage of possible sunshine, 61
Prevailing direction N
Total movement, 150
Average hourly velocity, 6.2

Maximum velocity,	Direction,	Time.
12	N	9.30 AM.

Extreme velocity, 12
Relative humidity, 89 a. m. 78 p. m.
Reduced barometer, 30.26 a. m. 30.37 p. m.
River gage, 2.3 ft.







NOTES.

Prepared by
Verified by

Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) NOV 15 1913, 191

Time (local standard) 90 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	35	35	34	35	35	35	36	36	37	37	37	37	37	38	37	37	37	36	35	36	36	36	36	36
State of weather: Nature of precipitation and time of beginning and ending							RR 6.04											RE 5.20		RR 7.14 RE 7.53				
Amounts of precipitation							.01	T	T	T	T	T	.03	.03	T	.01	.01	T		T				
Cloudiness and other conditions							—	Cloudy					—	Cloudy										
Sunrise: Time, Character	6.29 Cloudy																							
Sunset: Time, Character																					4.23 Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	NE	NE	E	E	NE	E	E	E	E	E	E	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	E	NE	NE
Wind movement	6	8	8	8	9	9	10	9	9	9	10	11	13	12	12	12	12	13	12	10	10	8	8	9
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

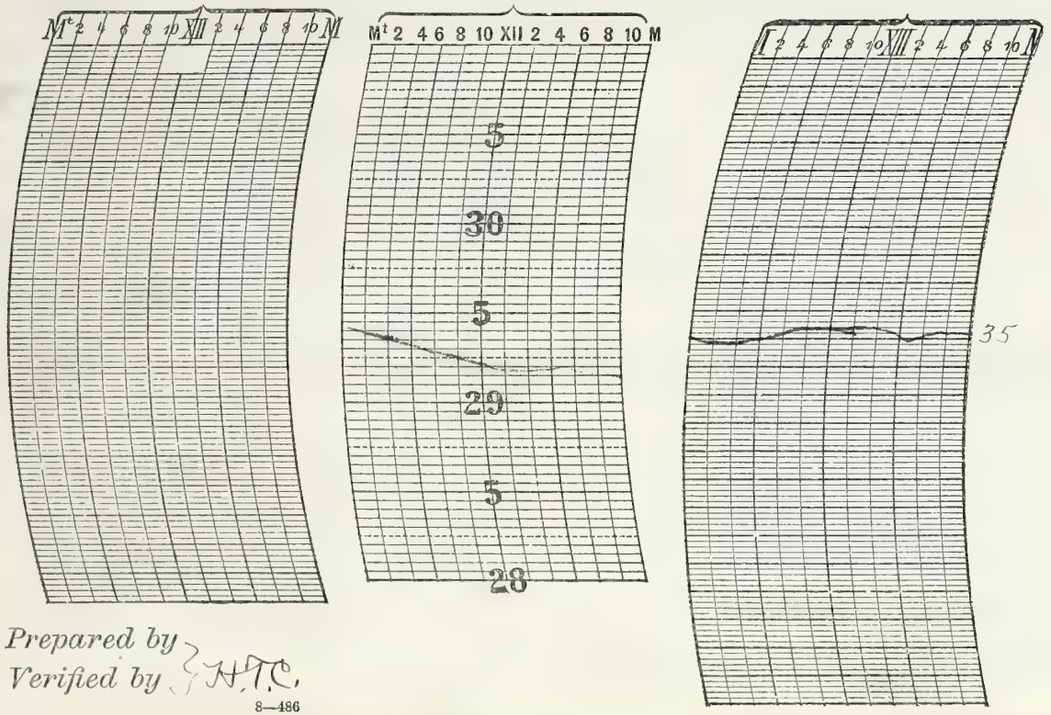
Maximum.	Minimum.	Mean.	Normal.
37	34	36	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., .08 ins.
Total precipitation, midnight to midnight, .07 inches.
Character of day, ~~A~~ Cloudy Moon phase,
Average daily cloudiness (0-10) 9.10
Actual sunshine, hours, 0
Possible sunshine, hours, 9.9
Percentage of possible sunshine, 0
Prevailing direction NE
Total movement, 237
Average hourly velocity, 9.9

Maximum velocity,	Direction,	Time.
16	NE	5.25 PM.

Extreme velocity, 18
Relative humidity, 100 a. m. 96 35 p. m.
Reduced barometer, 30.85 a. m. 30.10 p. m.
River gage, 2.3 ft.

NOTES.



Prepared by
Verified by [illegible] N.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) NOV 16 1913, 191

Time (local standard 90 mer.)

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	36	36	36	36	35	35	36	36	37	38	42	44	45	47	47	46	45	40	38	37	37	36	35
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							— Cloudy × Clear —																	
Sunrise: Time, Character,	6.30 Cloudy																				Sunset: Time, Character,			4.22 Clear
Sunshine (in tenths of hours)							0	0	0	0	0.1	1.0	1.0	1.0	1.0	1.0	0.6	0						
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NW	NW	NW	NW	NW	W	W	SW	SW	SW	SW	SW
Wind movement	9	8	8	9	8	7	6	7	9	9	6	4	4	4	4	4	4	3	4	7	7	6	6	8
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

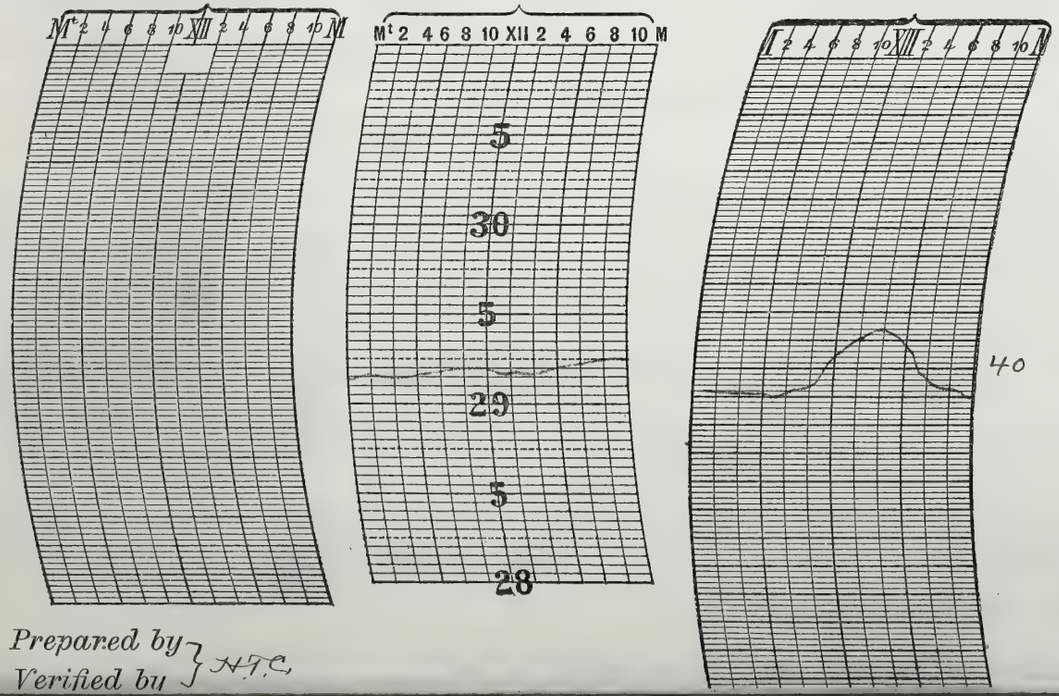
	Maximum.	Minimum.	Mean.	Normal.
	47	35	41	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, P.Cloudy Moon phase,
Average daily cloudiness (0-10) 6
Actual sunshine, hours, 5.5
Possible sunshine, hours, 9.9
Percentage of possible sunshine, 56
Prevailing direction NE
Total movement, 151
Average hourly velocity, 6.3

Maximum velocity,	Direction,	Time.
11	NE	9.30 AM

Extreme velocity, 11
Relative humidity, 100 a. m. 65 p. m.
Reduced barometer, 30.08 a. m. 30.12 p. m.
River gage, 2.3 ft.

NOTES.



Prepared by
Verified by } N.T.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) NOV 17 1913, 191

Time (local standard), 90 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	37	38	38	37	36	36	37	40	41	42	43	44	41	46	46	46	44	43	41	41	41	44	46	47
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Cloudy						Cloudy										
Sunrise: Time, Character,	6.31 Cloudy																				Sunset: Time, Character,	4.21 Cloudy		
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0.4	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	7	7	8	7	8	9	9	13	14	13	17	16	18	17	15	13	13	11	12	13	13	12	11	12
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

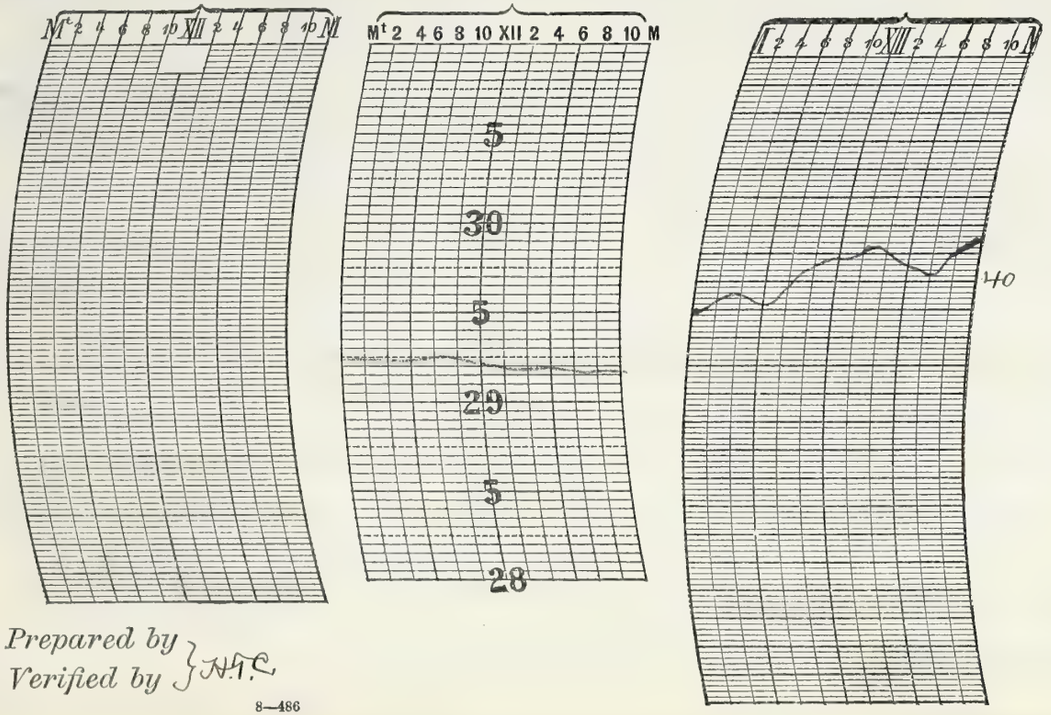
Maximum.	Minimum.	Mean.	Normal.
47	36	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 8
Actual sunshine, hours, 0.4
Possible sunshine, hours,
Percentage of possible sunshine, 4 .
Prevailing direction SW
Total movement, 288
Average hourly velocity, 12.0

Maximum velocity,	Direction,	Time.
22	SW	11.35 AM.

Extreme velocity, 24
Relative humidity, 90 a. m. 73 p. m.
Reduced barometer, 30.17 a. m. 30.10 p. m.
River gage, 2.2 ft

NOTES.



Prepared by
Verified by } H.P.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) NOV 18 1913, 191

Time (local standard) 90 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	47	48	49	48	50	50	50	53	54	56	57	58	59	60	61	61	59	59	59	59	59	58	58	59
State of weather. Nature of precipitation and time of beginning and ending			TRB PM					T7E 7:10																
Amounts of precipitation			T	T	T	T	T	T																
Cloudiness and other conditions							—	Cloudy	—					—	Cloudy	—								
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	12	14	12	13	12	15	12	15	15	15	16	15	16	12	11	13	12	11	12	14	12	12	13	13

Sunrise: Time, 6.32 Character, Cloudy

Sunset: Time, 4.20 Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

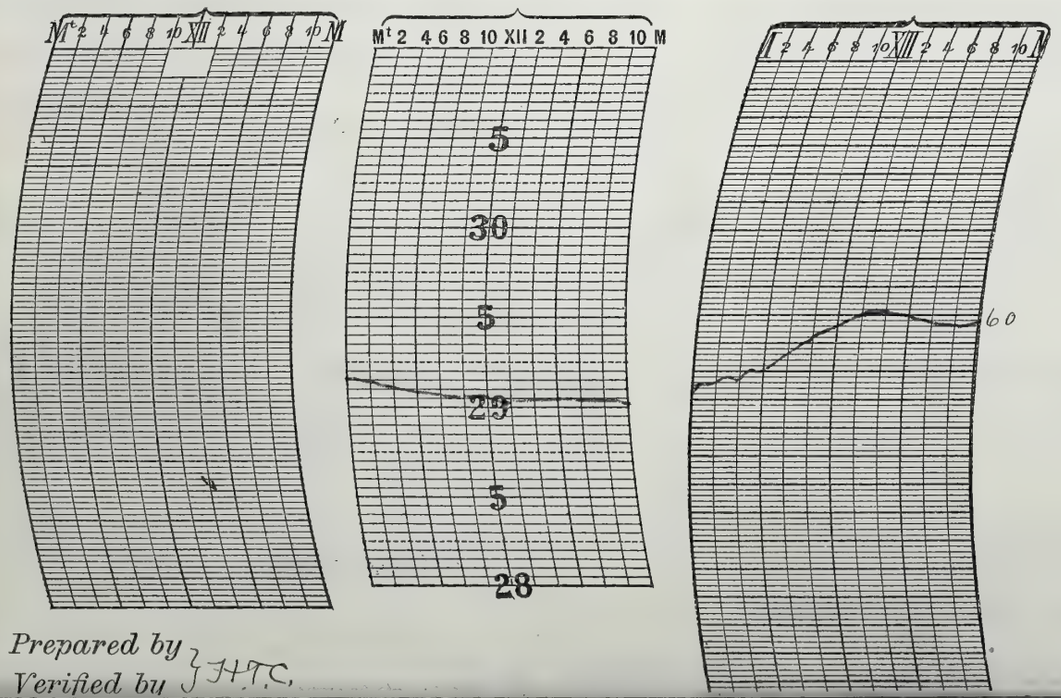
	Maximum.	Minimum.	Mean.	Normal.
	61	47	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 10
Actual sunshine, hours, 0
Possible sunshine, hours, 9.8
Percentage of possible sunshine, 0
Prevailing direction S.W
Total movement, 317
Average hourly velocity, 13.2

Maximum velocity, 18 Direction, SW Time, 10.20 A.M.
Extreme velocity, 18

Relative humidity, 93 a. m. 92 p. m.
Reduced barometer, 30.01 a. m. 29.96 p. m.
River gage, 2.2 ft

NOTES.



Prepared by
Verified by J.H.T.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) NOV 19 1913, 191

Time (local standard) 90 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	59	58	58	59	59	59	60	62	61	63	64	59	61	61	60	61	61	61	61	61	62	62	61	61
												RB 11.10				RE 32+								
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation												T	.05	.06	.08	.03								
Cloudiness and other conditions							Cloudy						Cloudy											
Sunshine (in tenths of hours)							0	0	0	0	0 2	0	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	16	16	15	16	17	16	15	17	16	19	21	20	15	14	18	17	19	16	14	13	12	11	13	13

Sunrise: Time, 6.33 Character, Cloudy

Sunset: Time, 4.28 Character, Cloudy

Maximum 29 velocities (exceeding 25 miles) direction and time

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
64	58	61	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .22 ins.

Total precipitation, midnight to midnight, .22 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 9.10

Actual sunshine, hours, 0.2

Possible sunshine, hours, 7.8

Percentage of possible sunshine, 2

Prevailing direction SW

Total movement, 379

Average hourly velocity, 15.8

Maximum velocity,	Direction,	Time.
27	SW	11.25 AM.

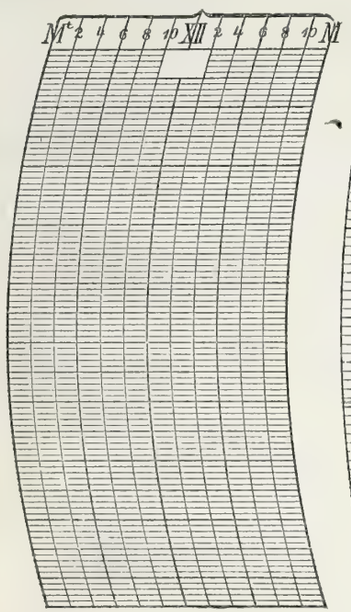
Extreme velocity, 28

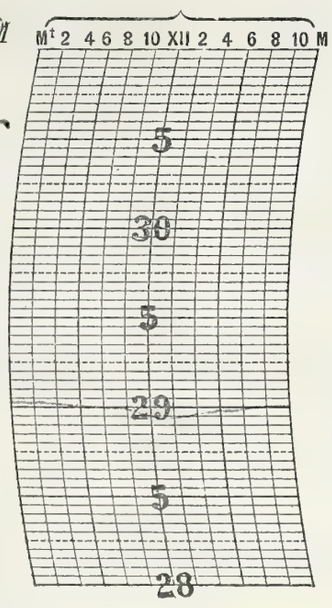
Relative humidity, 76 a. m. 86 p. m.

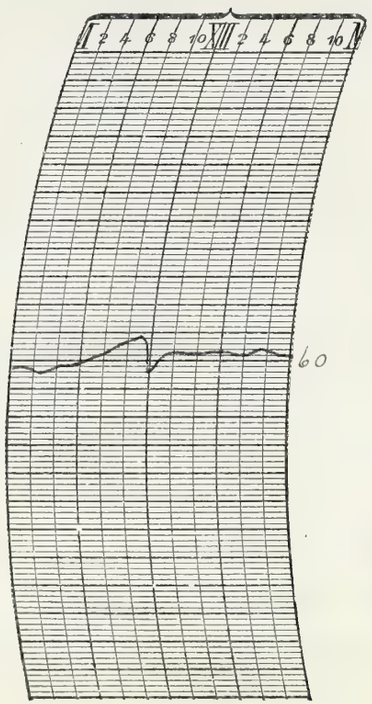
Reduced barometer, 29.90 a. m. 29.88 p. m.

River gage, 2.2 ft

NOTES.







Prepared by

Verified by H.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) NOV 20 1913, 191

Time (local standard), 90 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	61	61	60	60	60	60	60 RB 6.21	60 RE 7.15	61	62	63	63	65	66	67	66	66	66	65	65	65	63	63	63
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation							T	T																
Cloudiness and other conditions									Cloudy					Cloudy										
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0.3	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	S	S	S	S	S	S	S	S	S
Wind movement	13	10	11	10	10	9	10	11	9	13	12	10	11	10	10	7	5	6	9	13	12	13	14	12

Sunrise: Time, 6.35 Character, Cloudy

Sunset: Time, 4.19 Character, Cloudy

Maximum velocities (exceeding 27 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
67	60	64	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.

Total precipitation, midnight to midnight, T inches.

Character of day, ~~Clear~~ Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0.3

Possible sunshine, hours, 9.7

Percentage of possible sunshine, 3

Prevailing direction SW

Total movement, 250

Average hourly velocity, 10.4

Maximum velocity, 15 Direction, S Time, 10.15 P.M.

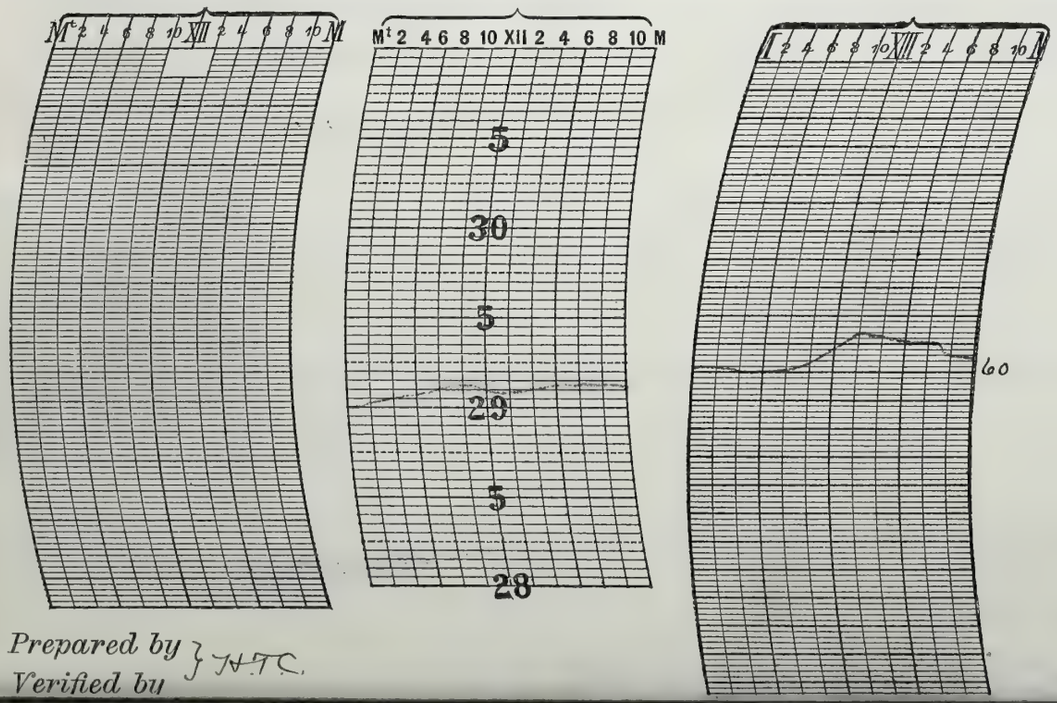
Extreme velocity, 15

Relative humidity, 100 a. m. 84 p. m.

Reduced barometer, 30.00 a. m. 30.02 p. m.

River gage, 2.2 ft.

NOTES.



Prepared by
Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) NOV 21 1913, 191

Time (local standard) 90 mer.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	62	61	58	57	56	56	56	59	62	63	67	69	69	70	69	68	66	64	63	62	62	62	62	62
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							— Clear —						— Clear —											
Sunrise: Time, 6.36 Character, Clear																					Sunset: Time, 4.18 Character, Clear			
Sunshine (in tenths of hours)							0	0.6	1.0	1.0	1.0	1.0	0.4	0.2	1.0	0.5	0							
Wind direction	S	S	S	S	SW	SW	S	S	S	S	S	SW	S	S	S	SW	SW	SW	S	SW	SW	SW	SW	SW
Wind movement	15	10	9	10	9	11	14	13	15	21	17	23	23	23	23	19	16	12	15	13	12	13	10	11
Maximum velocities (exceeding 27 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
70	56	63	

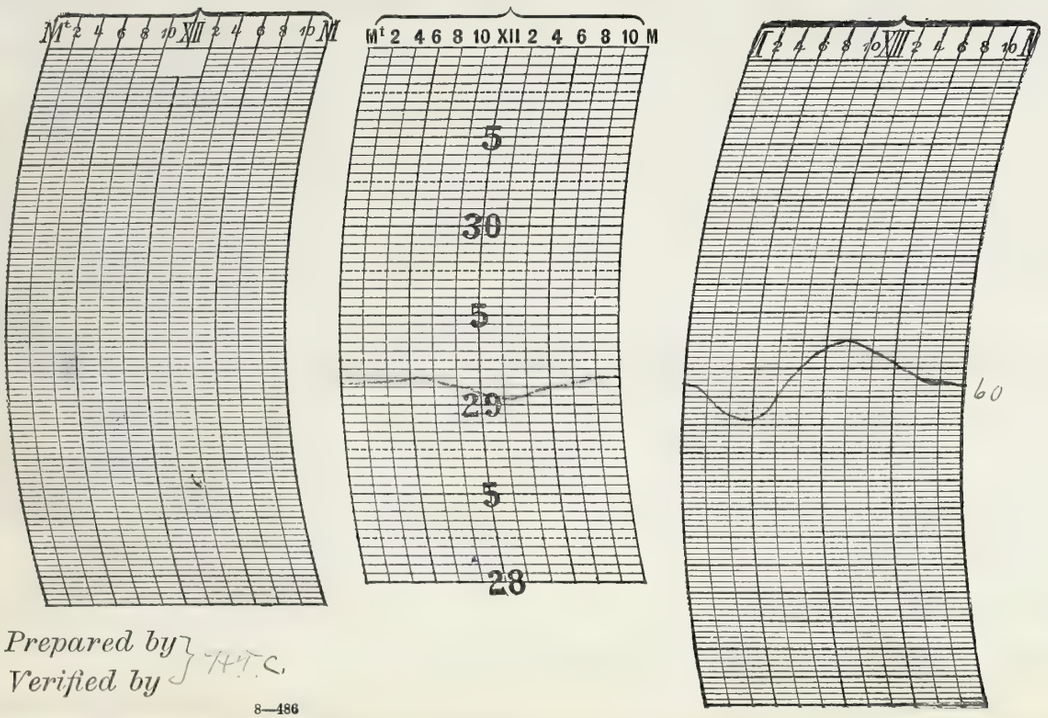
Total depth of snow for 24 hours ending 7 p. m., 0 inche
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 1
Actual sunshine, hours, 8.3
Possible sunshine, hours, 9.7
Percentage of possible sunshine, 86
Prevailing direction S
Total movement, 325.9
Average hourly velocity, 13.5.0

Maximum velocity,	Direction,	Time.
28	S	12.10 P.M.

Extreme velocity, 32

Relative humidity, 81 a. m. 72 p. m.
Reduced barometer, 30.03 a. m. 30.02 p. m.
River gage, 2.3 ft

NOTES.



Prepared by
Verified by H.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) NOV 22 1913, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	61	62	62	61	61	60	60	62	65	67	69	70	69	68	67	66	66	67	69	68	67	65	63	53
State of weather. Nature of precipitation and time of beginning and ending																			RB 4.15 RE 6.23		RB 8.34 RE 8.50			
Amounts of precipitation																			T		T			
Cloudiness and other conditions							—		Clear*				Cloudy											
Sunrise: Time, Character,	6-37 Clear																							
Sunset: Time, Character,																					4.18 Cloudy			
Sunshine (in tenths of hours)							.40 0	.6 0	1.0	1.0	1.0	0.8	0.3	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	NW
Wind movement	11	10	12	10	12	11	11	13	16	19	19	18	19	21	20	17	12	16	19	17	20	20	18	19

Maximum velocities (exceeding 27 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.
	70	53	62	

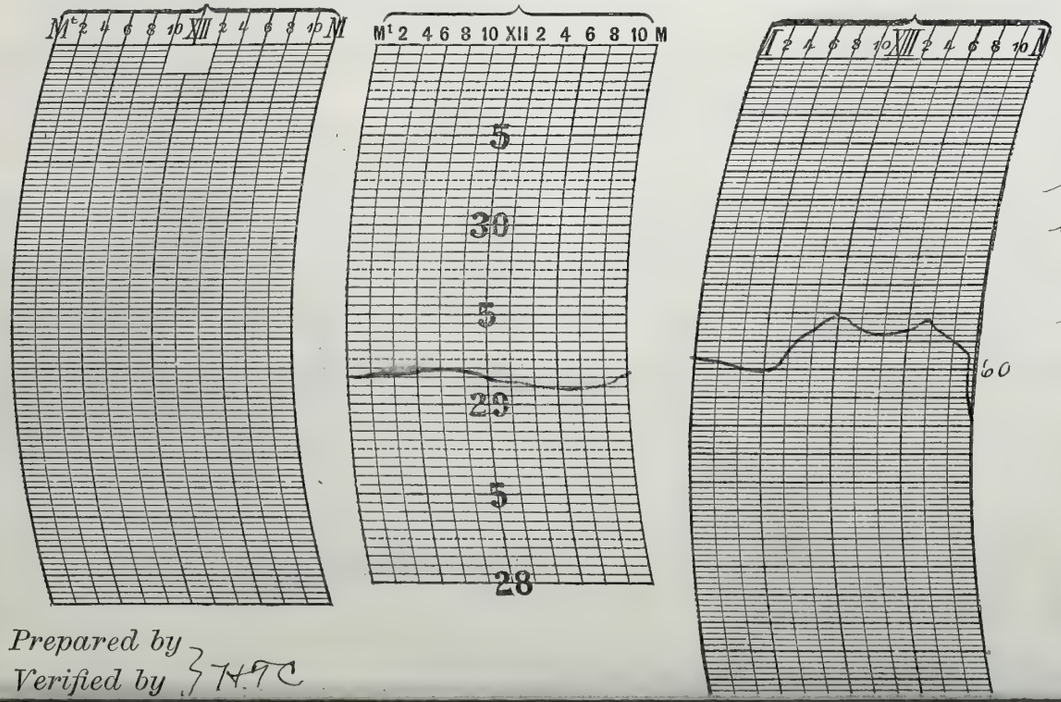
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0–10) 5
Actual sunshine, hours, 5.5
Possible sunshine, hours, 9.7
Percentage of possible sunshine, 57
Prevailing direction SW
Total movement, 380
Average hourly velocity, 15.8

Maximum velocity,	Direction,	Time.
25	SW	6.50 P.M.

Extreme velocity, 26

	a. m.	p. m.
Relative humidity,	76	76
Reduced barometer,	30.11	29.98

River gage, 2.3 ft



Prepared by
Verified by } H.P.C

NOTES.

Buds ~~were~~ are noticed on shrubs and rose bushes. Some dandelions ~~were seen~~ are springing out of the ground in some places, and a large number of blossoms of dandelions on some lawns. Buds swollen nearly to leaf on some lilacs and rosebushes.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) NOV 28 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	50	48	47	45	45	44	42	41	41	41	43	44	45	47	45	44	43	41	40	37	36	36	35	34
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions									R+Cloudy				Cloudy											
Sunrise: Time 6.38, Character Cloudy																					Sunset: Time 4.17, Character Cloudy			
Sunshine (in tenths of hours)							0	0	0	0.5	1.0	0.6	1.0	0.2	0	0	0							
Wind direction	~~SW~~ NW	~~SW~~ NW	~~SW~~ NW	~~SW~~ NW	~~SW~~ W	~~SW~~ W	~~SW~~ NW	~~SW~~ NW	~~SW~~ NW	~~SW~~ W	~~SW~~ NW	NW	NW	NW	NW	NW	W	W	SW	SW	SW	SW	SW	SW
Wind movement	15	17	12	10	10	12	12	10	9	10	10	11	11	11	12	7	6	5	8	9	10	12	12	14
Maximum 29 velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

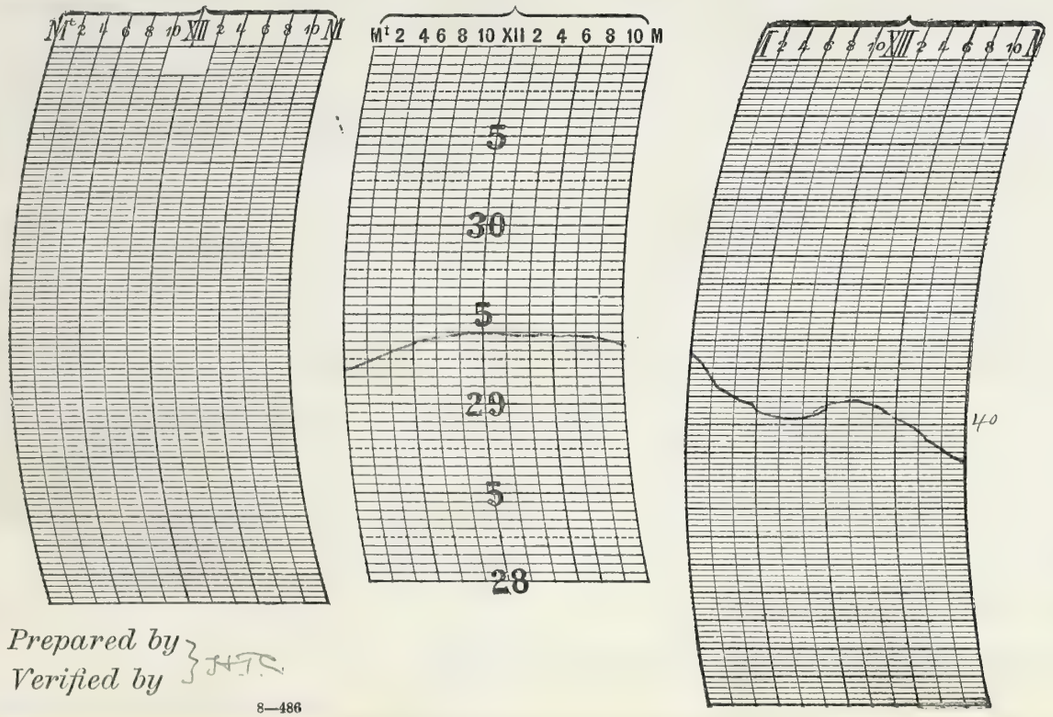
	Maximum.	Minimum.	Mean.	Normal.
	53	34	44	

Total depth of snow for 24 hours ending 7 p. m., 0 i
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 01 ins.; to 7 p. m., 0 in
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10) 8
Actual sunshine, hours, 3.3
Possible sunshine, hours, 9.6
Percentage of possible sunshine, 34
Prevailing direction NW
Total movement, 255
Average hourly velocity, 10.6

Maximum velocity,	Direction,	Time.
21	NW	11.0 A.M.

Extreme velocity, 21
Relative humidity, 70 a. m. 69 p. m.
Reduced barometer, 30.28 a. m. 30.31 p. m.
River gage, 2.4 ft

NOTES.



Prepared by
Verified by HTC

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) NOV 24 1913, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	37	38	37	36	36	36	37	39	42	44	48	48	49	48	46	43	41	40	38	37	37	36	35
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions									Clear					Clear										
Sunrise: Time, 6.39 Character, Clear																					Sunset: Time, 4.16 Character, Clear			
Sunshine (in tenths of hours)							0	0.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.3 .27 0.7	0							
Wind direction	SW	W	W	W	W	W	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	W	W	W	W	W	W	W
Wind movement	16	15	15	14	12	11	10	10	13	17	19	20	20	17	15	13	9	7	7	6	7	4	2	2
Maximum velocities (exceeding 29 miles) direction and time																								

	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

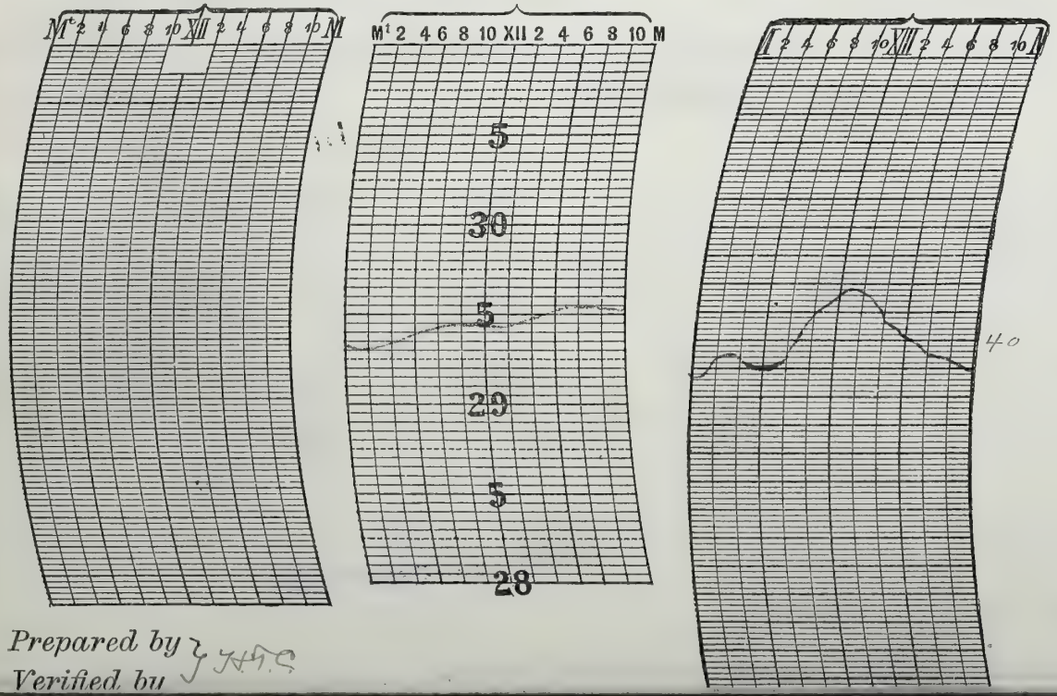
	Maximum.	Minimum.	Mean.	Normal.
	49	34	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10) 0
Actual sunshine, hours, 9.6
Possible sunshine, hours, 9.6
Percentage of possible sunshine, 100
Prevailing direction W
Total movement, 281
Average hourly velocity, 11.7

Maximum velocity,	Direction,	Time.
24	NW	9.44 AM.

Extreme velocity, 26
Relative humidity, 72 a. m. 62 p. m.
Reduced barometer, 30.34 a. m. 30.45 p. m.
River gage, 2.1 ft.

NOTES.



Prepared by
Verified by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) NOV 25 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

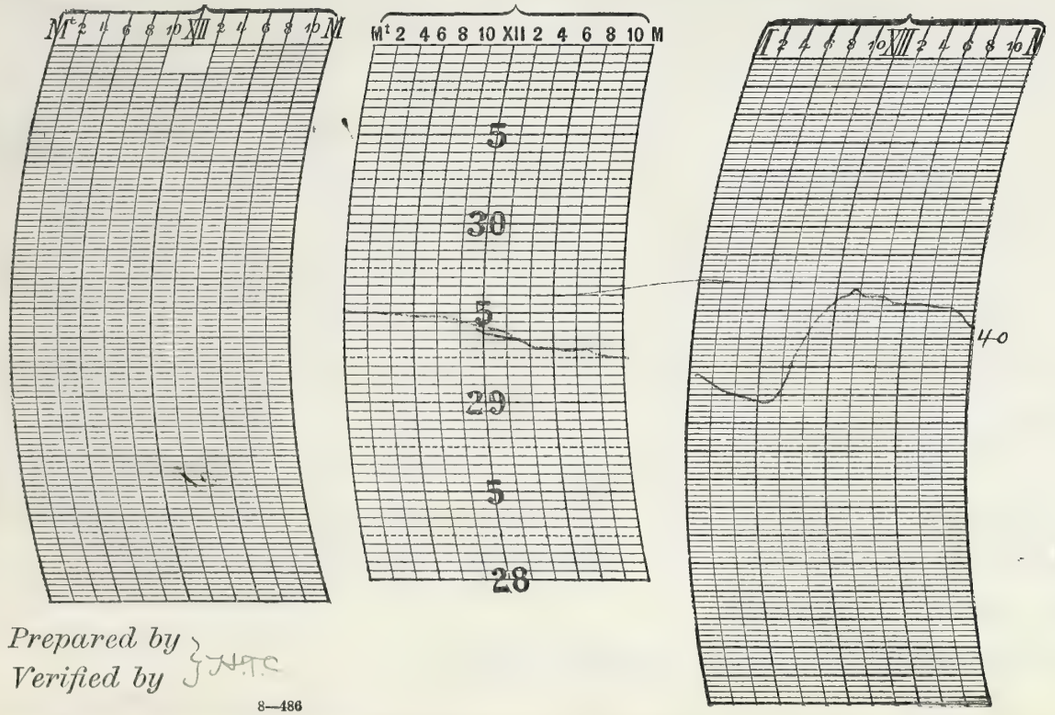
	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	34	33	31	30	30	29	30	33	35	40	43	46	48	49	48	47	46	46	46	46	46	46	45	40
State of weather: Nature of precipitation and time of beginning and ending																							R 13 10,20	
Amounts of precipitation																							01	.03
Cloudiness and other conditions													Pt cloudy						Cloudy					
Sunrise: Time, 6.41 Character, Cloudy																								
Sunshine (in tenths of hours)				0			0	0	0.1	0.2	0.9	0.3	0	0	0	0	0							0
Wind direction	W	W	SW	SW	SW	SW	SW	S	S	S	SW	S	SW	SW	SW	S	S	S	SW	SW	SW	S	SW	SW
Wind movement	2	4	5	4	5	6	8	9	9	7	12	12	13	11	11	8	8	8	8	6	5	7	8	13
Maximum velocities (exceeding 29 miles) direction and time																								
Sunset: Time, 4.16 Character, Cloudy																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	49	29	39	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, .03 inches.
Character of day, Cloudy. Moon phase,
Average daily cloudiness (0–10) 8
Actual sunshine, hours, 1.5
Possible sunshine, hours, 9.6
Percentage of possible sunshine, 16
Prevailing direction SW
Total movement, 191
Average hourly velocity, 12.1
Maximum velocity, 17 Direction, SW Time, 11.38 P.M.
Extreme velocity, 17
Relative humidity, 68 a. m. 55 p. m.
Reduced barometer, 30.44 a. m. 30.21 p. m.
River gage, 24 ft.

NOTES.



Prepared by
Verified by JNTC

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) NOV 26 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	41	41	40	40	40	40	41	41	42	43	43	46	46	47	45	45	44	44	44	44	43	43	43	43
							RF 6.30									RB 3.15								
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation	.01	.01	.02	T	.04	.07	.01									T	T	T	.01	.01	T	.01	T	T
Cloudiness and other conditions							—	Cloudy					—	Cloudy										
Sunrise: Time, Character	6.42 Cloudy																				Sunset: Time, Character			4.15 Cloudy
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	~~SW~~ NE	NE	NE	E	E	E	E	E	E	E
Wind movement	11	11	9	9	8	7	8	6	7	5	5	3	4	2	4	3	5	5	3	5	4	4	5	5
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

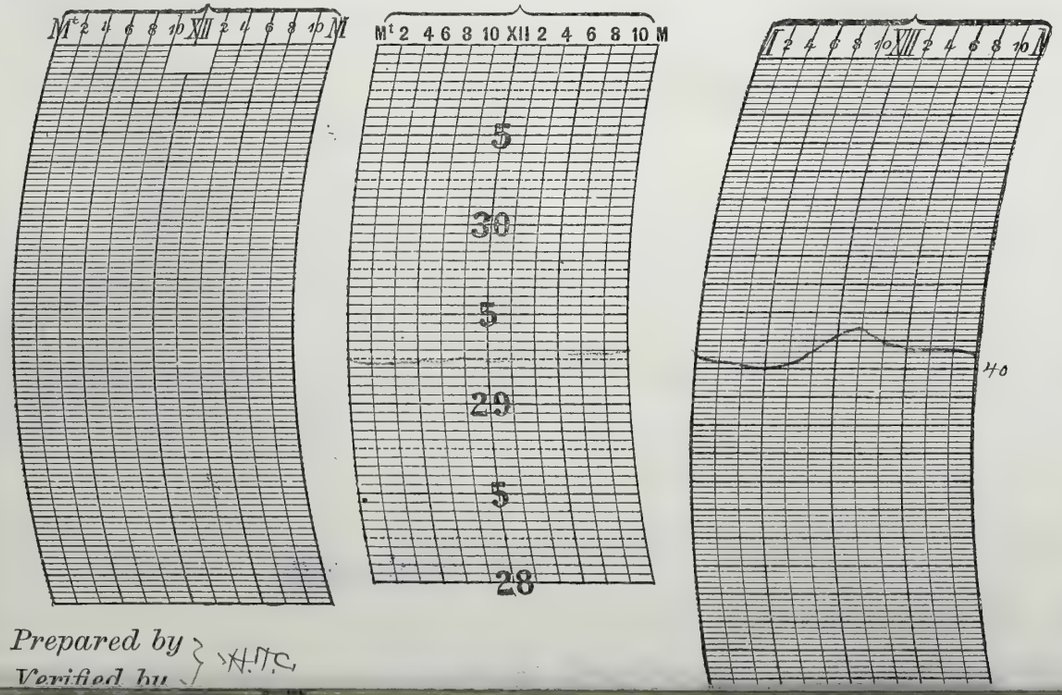
	Maximum.	Minimum.	Mean.	Normal.
	47	40	44	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., .19 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .19 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 10
Actual sunshine, hours, 0
Possible sunshine, hours, 9.6
Percentage of possible sunshine, 0
Prevailing direction SW
Total movement, 138
Average hourly velocity, 5.8

Maximum velocity,	Direction,	Time.
13	SW	1.10 AM

Extreme velocity, 13
Relative humidity, 98 a. m. 100 p. m.
Reduced barometer, 30.16 a. m. 30.22 p. m.
River gage, 2.76 ft.

NOTES.



Prepared by
Verified by W.H.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) NOV 27 1913, 191

Time (local standard) 90 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	43	42	41	40 RE IN	40	40	40	40	40	41	41	42	43	44	46	45	45	45	45	44	44	44	44	43
State of weather: Nature of precipitation and time of beginning and ending									— Cloudy				— Cloudy											
Amounts of precipitation	.01	T	T	.01																				
Cloudiness and other conditions																								
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	E	NE	E	NE	NE	E	NE	NE	NE	E	E	NE	E	E	E	E	E	E	E	E	E	E	E	E
Wind movement	5	6	5	6	10	7	8	8	7	7	8	7	8	8	7	7	8	9	8	8	7	7	7	9

Sunrise: Time, 6.43 Character, Cloudy

Sunset: Time, 4.15 Character, Cloudy

Maximum velocities (exceeding 24 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration From—	To—	Total amount of precipitation.	Excessive rate Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.
	46	40	43	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .04 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .02 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 0 Should be 10 mch. 11-26-35

Actual sunshine, hours, 0

Possible sunshine, hours, 9.5

Percentage of possible sunshine, 0

Prevailing direction E

Total movement, 177

Average hourly velocity, 7.4

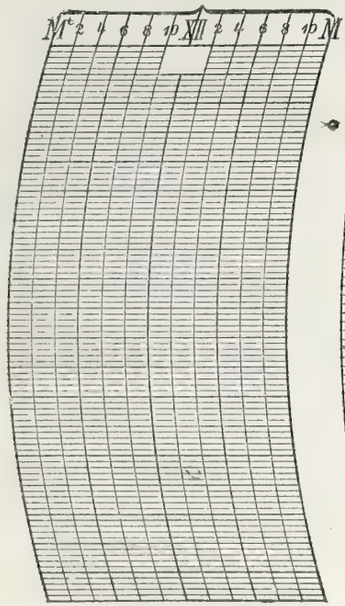
Maximum velocity, 11 Direction, E Time. 4.45 P.M.

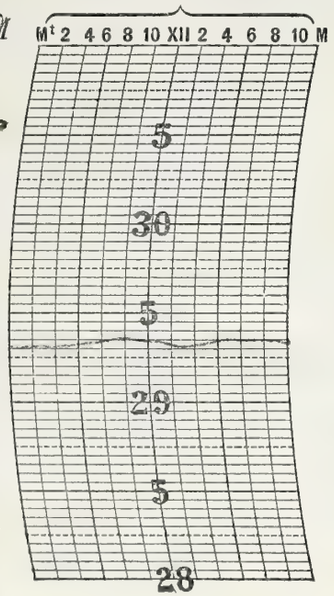
Extreme velocity, 11

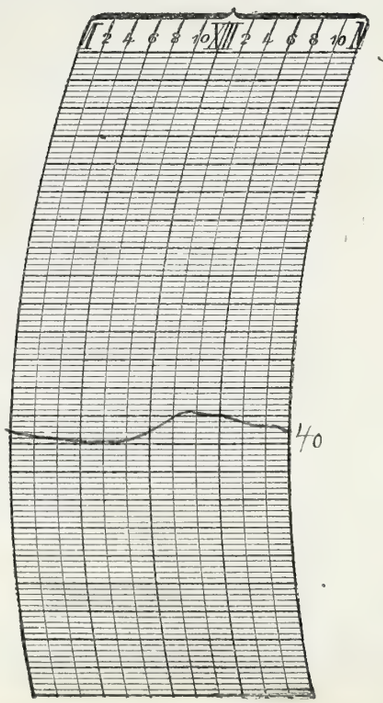
Relative humidity, 100 a. m. 82 p. m.

Reduced barometer, 30.27 a. m. 30.27 p. m.

River gage, 2.6 ft







NOTES.

Light Fog { B D N A.M.
E 8.20 A.M.

Prepared by

Verified by J.N.T.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) NOV 28 1913, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	43	43	43	43	43	43	43	43	43	44 RB 940	46	46	46	47	47	47	48	47	48	47	47	47	47	47
State of weather: Nature of precipitation and time of beginning and ending																								
State of weather: Amounts of precipitation										T	.01	T	T	T	T	T	T	T	T	T	T	T	T	.01
State of weather: Cloudiness and other conditions								Cloudy						Cloudy										
Sunrise: Time, Character	6.44 Cloudy																				Sunset: Time, 4.13 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	E	E	E	E	E	E	E	NE	E	E	E	E	NE	NE	E	NE	E	NE	E	E	E	E	E	E
Wind movement	7	7	8	7	7	7	9	8	8	6	7	6	6	7	6	8	7	8	8	9	8	8	7	5
Maximum 24 velocities (exceeding — miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

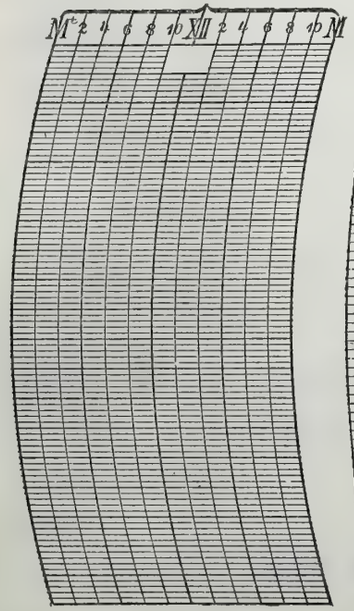
Excessive precipitation, accumulated amounts.

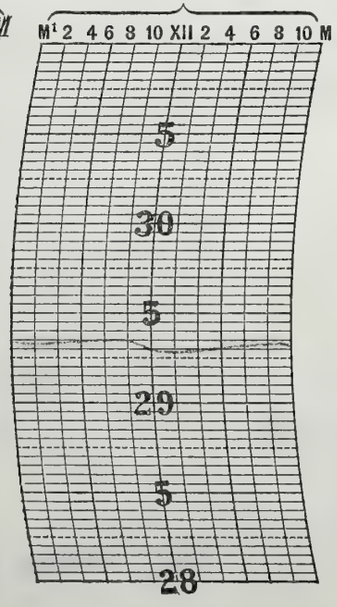
Maximum.	Minimum.	Mean.	Normal.
48	43	46	

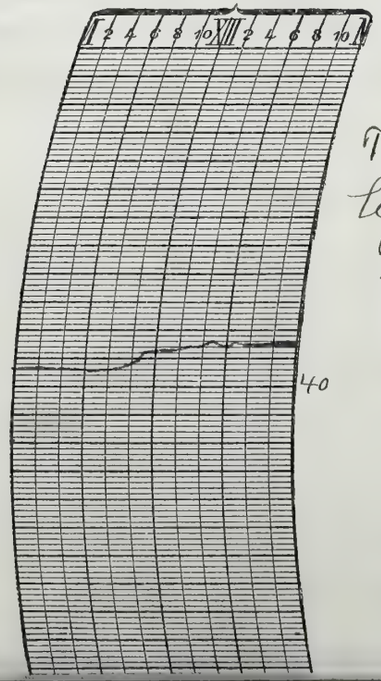
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 ins.
Total precipitation, midnight to midnight, .02 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10) 10
Actual sunshine, hours, 0
Possible sunshine, hours, 9.5
Percentage of possible sunshine, 0
Prevailing direction E
Total movement, 174
Average hourly velocity, 7.2

Maximum velocity.	Direction,	Time.
10	E	8.30 P.M.

Extreme velocity, 10
Relative humidity, 100 a. m. 100 p. m.
Reduced barometer, 30.27 a. m. 30.23 p. m.
River gage, 2.6 ft







NOTES.

Light Fog {B DNA

The day was dark and dreary with light fog and mist.

Prepared by
Verified by } NTC.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) NOV 29 1913, 191

Time (local standard) 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	47	47	47	47	47	48	48	48	48	49	50	37	52 RE 12.50	54	54	55	55	53	52	56 PB 7.40	56 RE 8.25	56	56	56
State of weather: Nature of precipitation and time of beginning and ending																								
State of weather: Amounts of precipitation	T	.02	.05	.13	.10	.04	.02	.01	T	T	T	T	.01							T	T			
State of weather: Cloudiness and other conditions								Cloudy						Cloudy										
Sunrise: Time, Character	6.45 Cloudy																							
Sunset: Time, Character																					4.14 Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	E	NE	E	E	E	NE	NE	NE	E	E	E	E	E	E	E	E	SE	SE	SE	SE	SE	SE	SE	SE
Wind movement	7	7	6	6	6	6	7	6	6	6	6	5	5	4	6	5	4	4	9	8	9	7	8	9
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
56	47	52	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .37 ins.; to 7 p. m., .02 ins.

Total precipitation, midnight to midnight, .38 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 9.5

Percentage of possible sunshine, 0

Prevailing direction NE

Total movement, 152

Average hourly velocity, 6.3

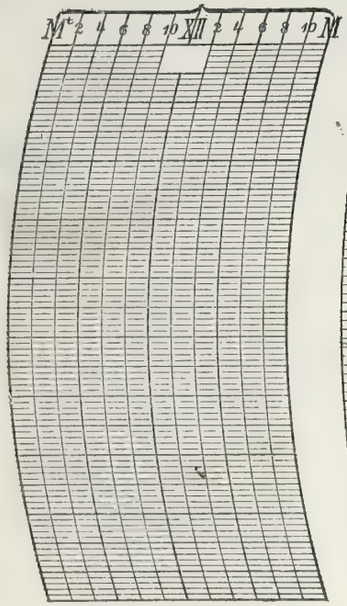
Maximum velocity,	Direction,	Time.
11	SE	8.40 PM

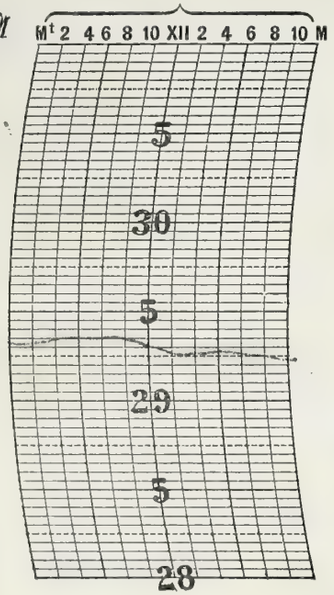
Extreme velocity, 11

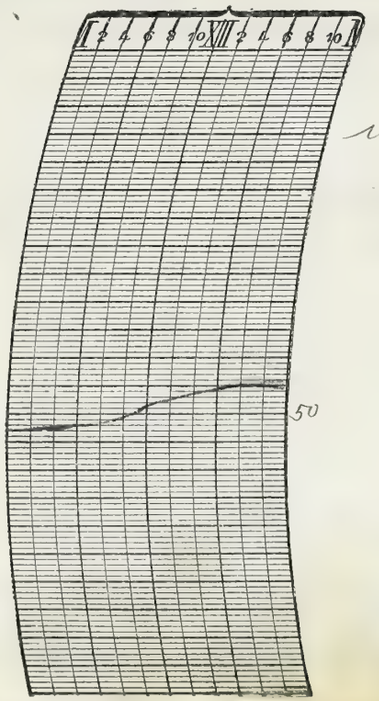
Relative humidity, 100 a. m. 97 p. m.

Reduced barometer, 30.46 a. m. 30.26 p. m.

River gage, 2.8 ft







NOTES.

The day was dark and dreary with light fog and mist.

Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) NOV 30 1913, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	56	56	56	56	56	55	53	54	56	57	58	56 R13 11.02	56	57	57	57	57	57	57	57	57	57	57	57
State of weather: Nature of precipitation and time of beginning and ending																								
State of weather: Amounts of precipitation												.06	.05	.13	.05	.05	.06	.05	.09	.15	.01	T	T	T
State of weather: Cloudiness and other conditions									Cloudy					Cloudy										
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	S	S	S	S	SE	SE	SE	SE	E	E	E	SE	E	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
Wind movement	9	8	6	5	5	3	4	4	5	6	5	7	7	6	9	10	11	9	9	9	15	13	11	11

Sunrise: Time 6.46, Character Cloudy

Sunset: Time 4.14, Character Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

	Maximum.	Minimum.	Mean.	Normal.
	58	54	56	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., T ins.; to 7 p. m., .54 ins.

Total precipitation, midnight to midnight, .70 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 10

Actual sunshine, hours, 0

Possible sunshine, hours, 9.5

Percentage of possible sunshine, 0

Prevailing direction SE

Total movement, 186

Average hourly velocity, 7.8

Maximum velocity, 16 Direction, SE Time, 8.30 P.M.

Extreme velocity, 17

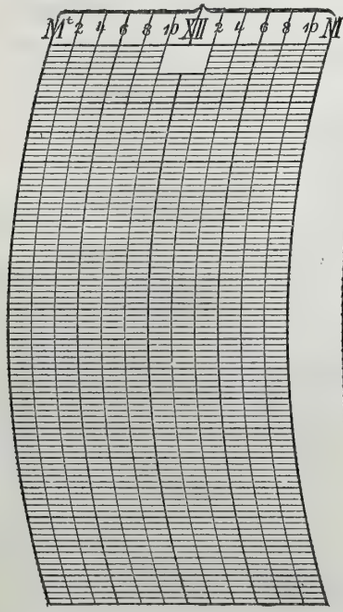
Relative humidity, 100 a. m. 100 p. m.

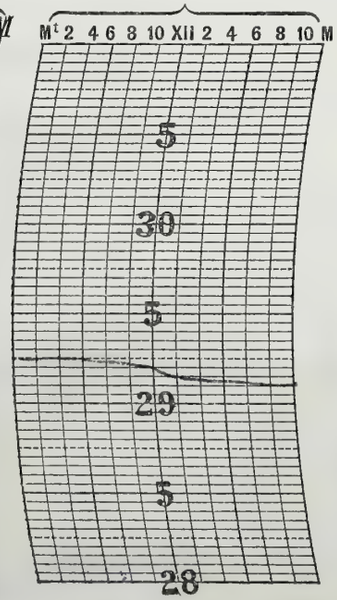
Reduced barometer, 30.15 a. m. 30.04 p. m.

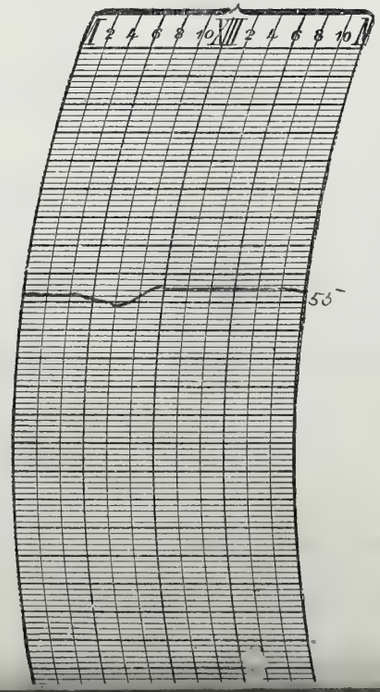
River gage, 3.3 ft

NOTES.

Lt. Fog E 9.00 AM.







Prepared by
Verified by } N.T.C

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) DEC 1 1913, 191

Time (local standard) 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	57	57	56	55	55	55 RE DN	54	54	55	55	56	57	59	59	58	57	56	55	55	54	53	51	51	50
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation	T	T	T	T	.01	T																		
Cloudiness and other conditions								— Cloudy —						— Cloudy —										
Sunshine (in tenths of hours)							0	0	0.1	0.2	0.2	0	0	2	0.3	0	0	0						
Wind direction	SE	SE	SE	SE	E	SE	SE	SE	S	S	SW	SW	SW	S	SW	SW	NW	NW	N	E	E	SE	SW	SW
Wind movement	6	7	5	4	4	5	6	5	7	6	4	4	7	4	6	4	4	4	6	6	4	3	4	2
Maximum velocities (exceeding 27 miles) direction and time																								

Sunrise: Time 6.47, Character Cloudy

Sunset: Time 4.14, Character Cloudy

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
59	50	54	

Total depth of snow for 24 hours ending 7 p. m., 0 inche

Snow on ground 1 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., .17 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, .01 inches.

Character of day, Cloudy Moon phase, _____

Average daily cloudiness (0–10) 10

Actual sunshine, hours, 0.8

Possible sunshine, hours, 9.4

Percentage of possible sunshine, 9

Prevailing direction SE

Total movement, 117

Average hourly velocity, 4.9

Maximum velocity,	Direction,	Time.
10	SE	1.50 AM.

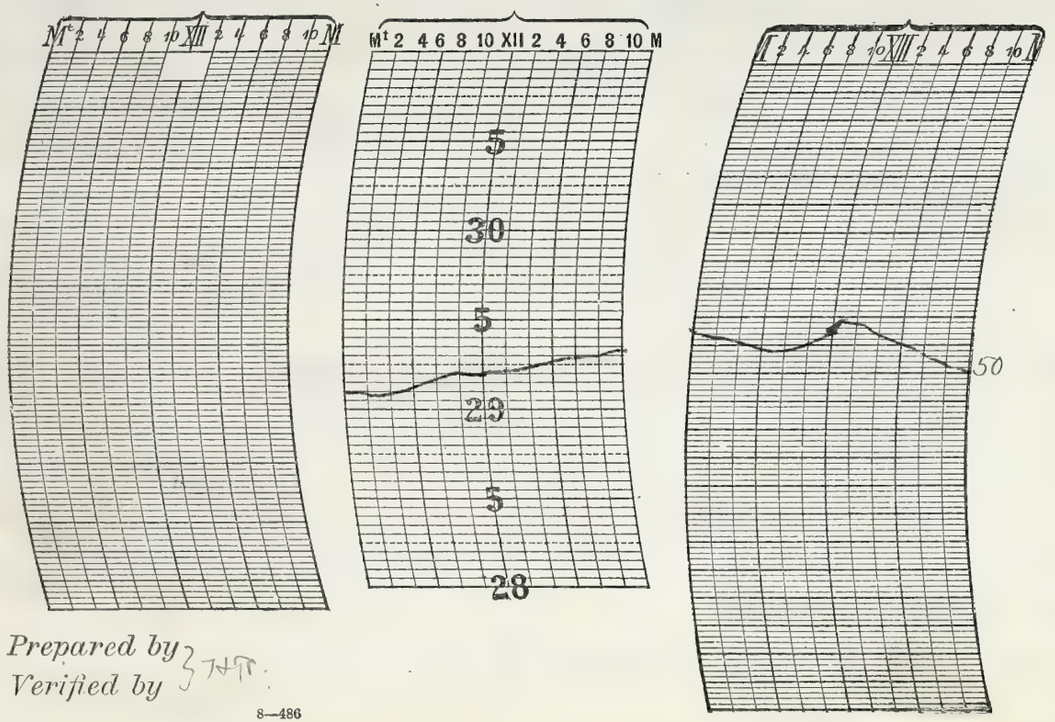
Extreme velocity, 10

Relative humidity, 85 a. m. 91 p. m.

Reduced barometer, 30.07 a. m. 30.23 p. m.

River gage, 6.0 ft.

NOTES.



Prepared by _____

Verified by _____

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

DEC 2 1913

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) _____, 191

Time (local standard) 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	50	50	51	50	50	50	51	51	52	53	54	55	56	56	55	53	54	53	53	52	52	52	52	52
					TRB DN		TRE 6.37																	
State of weather. Nature of precipitation and time of beginning and ending					T	T	T																	
Amounts of precipitation																								
Cloudiness and other conditions							Cloudy							Cloudy										
Sunrise: Time 6.28 Character Cloudy																					Sunset: Time 4.13 Character Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	0	SW	SW	SW	SW	SW	NW	NE	E	E	S	SW	SW	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	0	1	1	1	1	2	4	3	4	3	3	4	4	5	6	4	5	3	3	2	4	5	5	3
Maximum 29 velocities (exceeding ____ miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

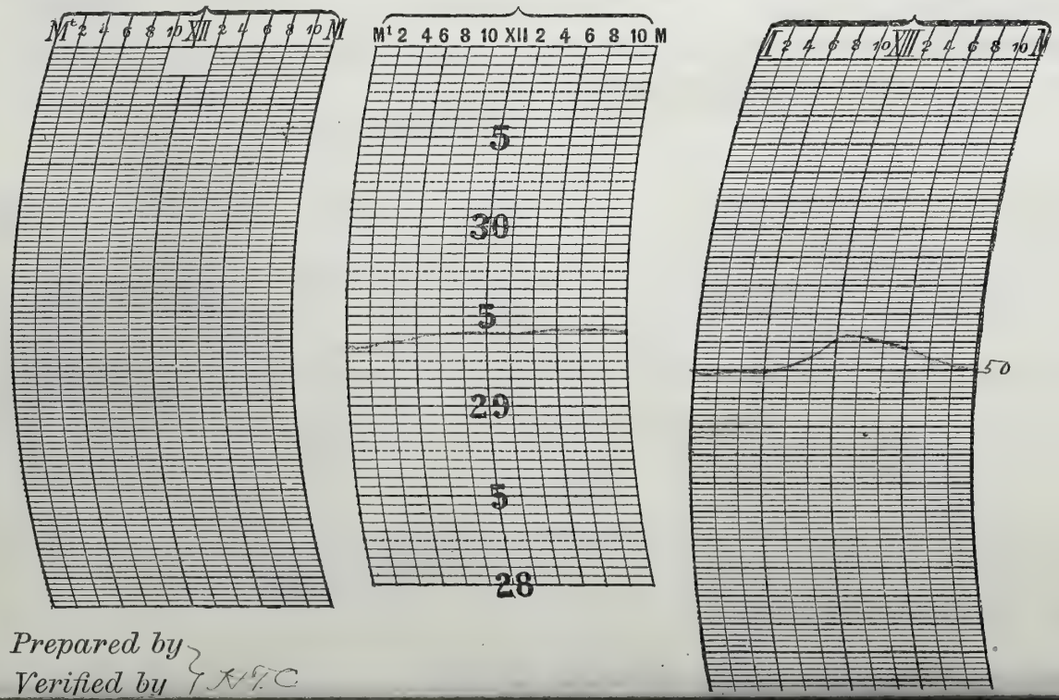
	Maximum.	Minimum.	Mean.	Normal.
	56	50	53	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase, _____
Average daily cloudiness (0–10) 10
Actual sunshine, hours, 0
Possible sunshine, hours, 9.4
Percentage of possible sunshine, 0
Prevailing direction NW
Total movement, 76
Average hourly velocity, 3.2

Maximum velocity,	Direction,	Time.
7	W	1.45 PM.

Extreme velocity, 7
Relative humidity, 100 a. m. 91 p. m.
Reduced barometer, 30.34 a. m. 30.35 p. m.
River gage, 6.7 ft.

NOTES.



Prepared by _____
Verified by _____

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

Verified by T.R.G.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) DEC 3 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	51	50	50	49	49	49	48	48	48	48	48	48	48	46	47	47	46	45	45	44	44	43	42	39
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions									Cloudy					Cloudy										
Sunrise: Time, 649 Character, Cloudy																					Sunset: Time, 413 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	NW	NW	NW	NW	NW	N	N	N	N	N	N	N	N	N	N	N	N	N	NW	N	N	NW	NW	W
Wind movement	3	4	6	5	5	7	4	4	4	5	6	4	6	5	5	5	5	5	5	3	3	4	4	4
Maximum velocities (exceeding 27 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			1

	Maximum.	Minimum.	Mean.	Normal.
	51	39	45	

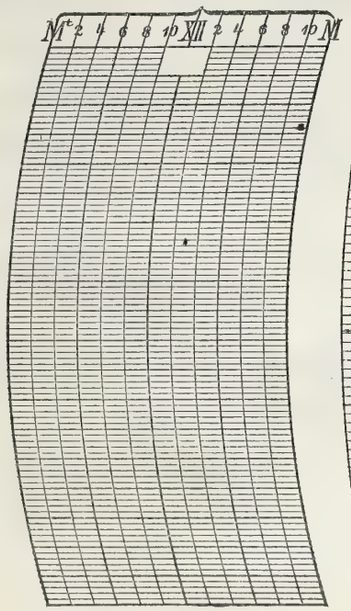
Total depth of snow for 24 hours ending 1 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10) 10
Actual sunshine, hours, 0
Possible sunshine, hours, 9.4
Percentage of possible sunshine, 0
Prevailing direction N
Total movement, 111
Average hourly velocity, 4.6

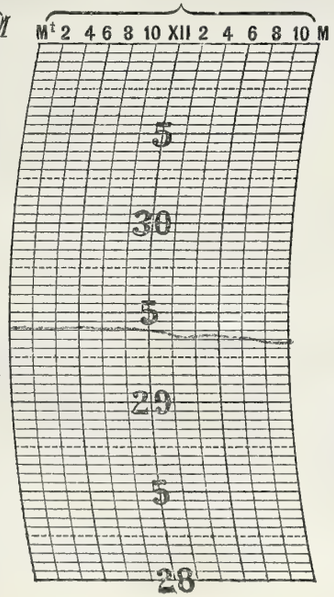
Maximum velocity,	Direction,	Time.
8	N	5.45 A.M.

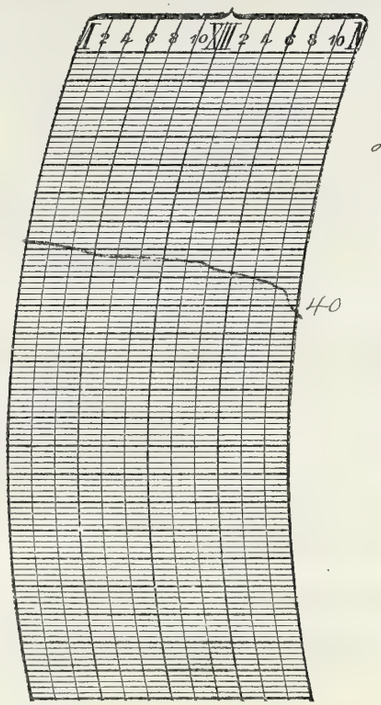
Extreme velocity, 8

	a. m.	p. m.
Relative humidity,	96	91
Reduced barometer,	30.34	30.31

River gage, 6.3 ft







NOTES.

Dense Fog { B D N A
E 8, 15 A
Light Fog { B 8, 15 A
E 10, 00 A

Prepared by
Verified by } N.R.G.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) DEC 4 1913, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	38	40	38	38	37	38	39	40	41	43	49	51	53	54	53	51	49	47	46	45	44	44	43	42
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							P.C.						Clear											
Sunrise: Time, 6.50 Character, Cloudy																					Sunset: Time, 4.13 Character, Clear			
Sunshine (in tenths of hours)							0	0	0	0.8	1.0	1.0	1.0	1.0	0.5 1.0 .22	1.0	0							
Wind direction	W	W	W	W	NW	NW	W	W	W	W	W	W	W	W	W	W	W	W	W	W	SW	W	W	W
Wind movement	6	5	7	7	7	6	7	9	9	10	11	14	15	15	13	12	10	10	12	10	10	9	9	8
Maximum velocities (exceeding 20 miles) direction and time																								

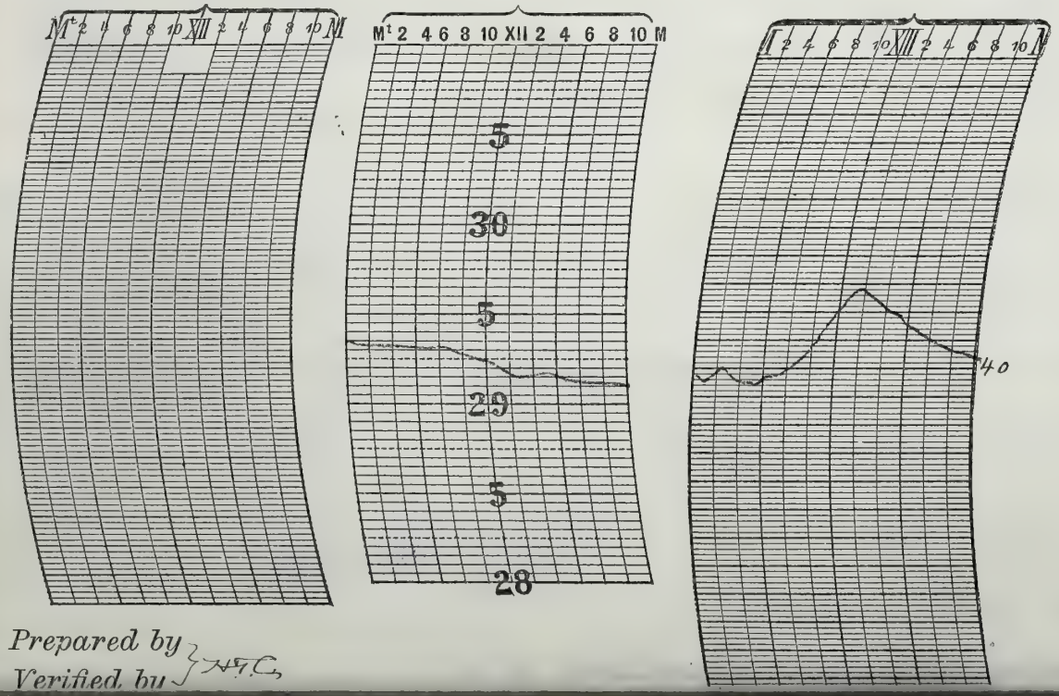
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
54	37	46	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, P.C. Moon phase,
Average daily cloudiness (0–10) 4
Actual sunshine, hours, 7.0
Possible sunshine, hours, 9.4
Percentage of possible sunshine, 74
Prevailing direction W
Total movement, 231
Average hourly velocity, 9.6
Maximum velocity, 17 Direction, W Time. 2 to 3 P.M.
Extreme velocity, 19
Relative humidity, 88 a. m. 82
Reduced barometer, 30.22 a. m. 30.06
River gage, 5.8 ft.

NOTES.



Prepared by
Verified by J.M.T.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) DEC 5 1913, 191

Time (local standard), 90 mer.

1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	41	40	38	38	38	39	40	39	38	40	41	42	45	47	46	45	44	43	43	42	41	40	39	37
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions									Cloudy						PtCloudy									
Sunrise: Time, 6.51 Character, Cloudy																					Sunset: Time, 4.13 Character, Clear			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0.2	0.9	0.9	1.0 0	.22 0							
Wind direction	SW	SW	SW	SW	W	W	W	W	W	W	W	SW	W	W	NW	NW	W	W	W	W	W	N	N	N
Wind movement	8	9	8	9	8	6	6	9	11	9	8	9	9	7	7	4	5	5	2	2	3	4	5	7
Maximum velocities (exceeding 27 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum 47 | Minimum 37 | Mean 42 | Normal

Total depth of snow for 24 hours ending 7 p. m., 0 inches.

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.

Total precipitation, midnight to midnight, 0 inches.

Character of day, PtCloudy Moon phase,

Average daily cloudiness (0-10) 4

Actual sunshine, hours, 3.2

Possible sunshine, hours, 9.4

Percentage of possible sunshine, 34

Prevailing direction W

Total movement, 160

Average hourly velocity, 6.7

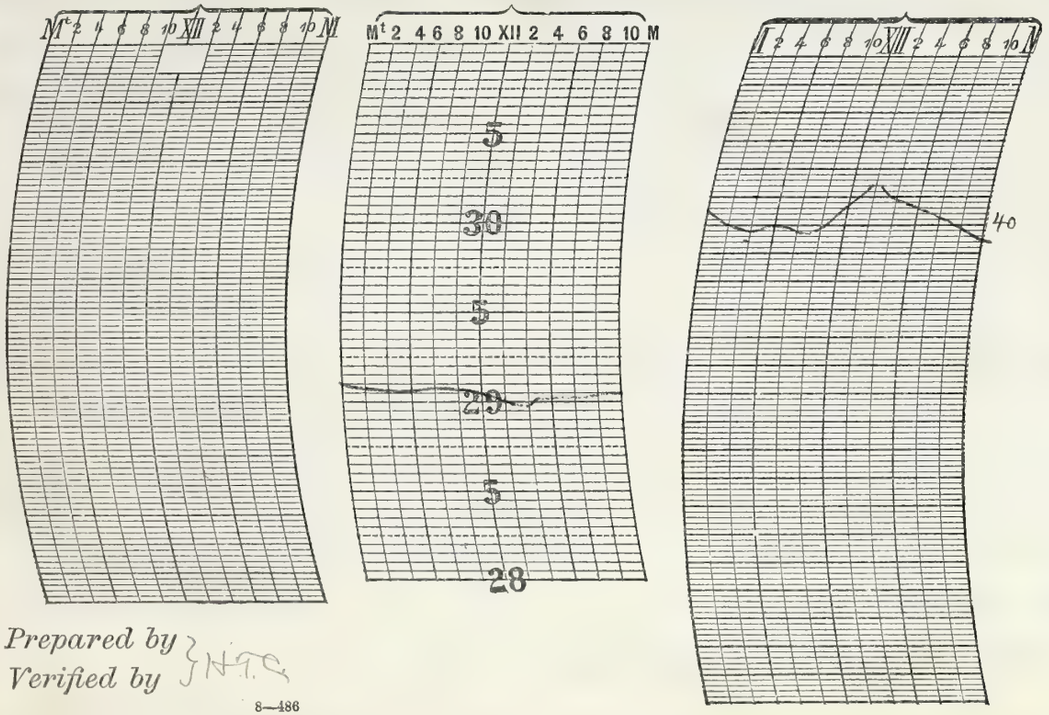
Maximum velocity,	Direction,	Time.
14	SW	8.32 AM.

Extreme velocity, 14

	a. m.	p. m.
Relative humidity,	94	91
Reduced barometer,	29.98	29.96

River gage, 5.5 ft.

NOTES.



Prepared by

Verified by JNTC

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) DEC 6 1913, 191

Time (local standard), 90 mer.

	A.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	37	37	37	37	37	37	38	38	39	39 RB 9.05	40	42	45 RE 12.13	45	45 RB 2.15	45	45	45	45	45	47	47	48 RE DN	49
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation										T	.01	.01	T		T	.04	T	T	.01	T	T	T	.01	
Cloudiness and other conditions							—	Cloudy	—				—	Cloudy	—									
Sunrise: Time 6.52 Character, Cloudy																					Sunset: Time, 4.13 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0.5	0	0	0							
Wind direction	NE	NE	NE	NE	SE	E	E	E	E	E	E	E	E	E	E	E	E	E	E	SE	SE	S	SW	SW
Wind movement	5	9	4	3	3	3	5	8	6	5	6	11	10	9	8	6	5	6	4	3	5	7	11	12
Maximum 24 velocities (exceeding ___ miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

1 hours slower than 75th meridian time.

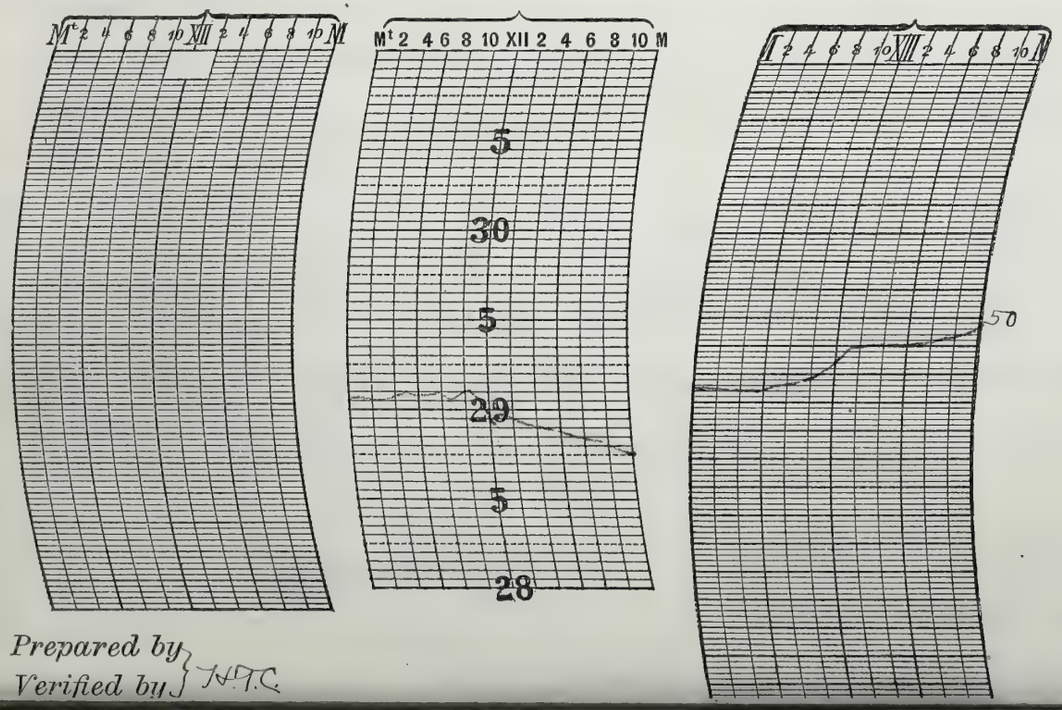
Maximum.	Minimum.	Mean.	Normal.
49	37	43	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., .07 ins.
Total precipitation, midnight to midnight, .08 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10) 10
Actual sunshine, hours, 0.5
Possible sunshine, hours, 9.4
Percentage of possible sunshine, 5
Prevailing direction NE
Total movement, 154
Average hourly velocity, 6.4

Maximum velocity,	Direction,	Time.
22	NE	11.55 AM

Extreme velocity, 23
Relative humidity, 87 a. m. 93 p. m.
Reduced barometer, 29.99 a. m. 29.86 p. m.
River gage, 5.1 ft

NOTES.



Prepared by
Verified by } M.F.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) DEC 7 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	48	46	45	44	44	43	36	34 SB 7.22	32	29	27	25	23	21	20	19	18	18	19	18	18	17	16	16
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Cloudy					Cloudy											
Sunrise: Time, 6.53 Character, Cloudy																					Sunset: Time, 4.13 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0.1	0.6	0	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	W	W	W	W	SW	W	W
Wind movement	13	11	13	15	15	18	22	24	17	16	21	25	26	22	20	21	21	17	19	18	17	20	24	25
Maximum velocities (exceeding 29 miles) direction and time								34 NW 7.10				32 NW 11.55											31 SW 10.55	30 SW 11.20

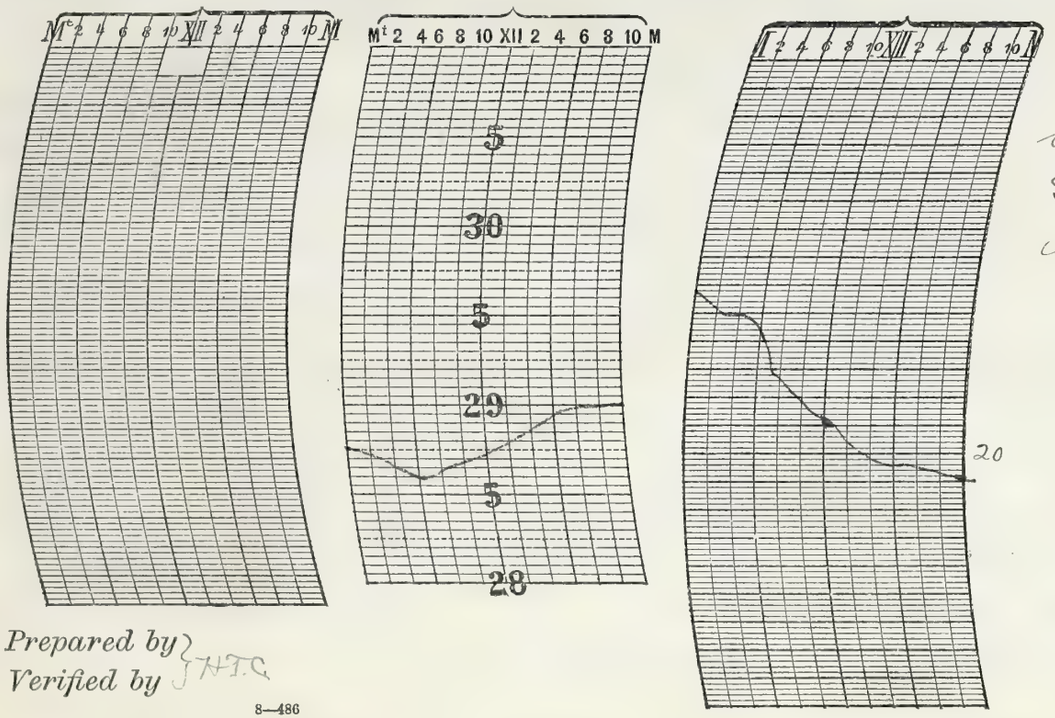
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

Maximum, 49 — Minimum, 16 — Mean, 32 — Normal.

Total depth of snow for 24 hours ending 7 p. m., 1.1 inches.
Snow on ground 7 p. m., 1.1 inches.
Total snowfall, midnight to midnight, 1.1 inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., .11 ins.
Total precipitation, midnight to midnight, .15 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 9.10
Actual sunshine, hours, 0.7
Possible sunshine, hours, 9.3
Percentage of possible sunshine, 8
Prevailing direction NW
Total movement, 458
Average hourly velocity, 19.1

Maximum velocity,	Direction,	Time.
34	NW	7.10 A.M.

Extreme velocity, 37
Relative humidity, 95 a. m. 88 p. m.
Reduced barometer, 29.54 a. m. 29.95 p. m.
River gage, 4.7 ft.



Prepared by
Verified by JNTC

8—486

NOTES.

Light snowfall during the day accompanied by high gusty winds. Streets and walks covered with snow and ice.

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) DEC 8 1913, 191

Time (local standard), 90 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	16	17	18	19	22	25	26	27	27	27	28	28	28	29	28	28	29	26	25	25	26	24	23	22
State of weather: Nature of precipitation and time of beginning and ending								SE 7.36																
Amounts of precipitation																								
Cloudiness and other conditions							Cldy	x	Clear				Clear											
Sunrise: Time, 6.54 Character, Cloudy																					Sunset: Time, 4.13 Character, Clear			
Sunshine (in tenths of hours)				0			0	0	0.7	1.0	1.0	1.0	1.0	0.4	0.6	0.5	0							
Wind direction	W	W	W	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	SW	SW	W	SW	SW	SW
Wind movement	26	25	26	25	21	21	18	17	24	22	22	19	20	16	14	9	7	4	6	8	8	8	6	8
Maximum 29 miles) direction and time	30 SW 2.55		30 SW 1.15	33 W 2.55					30 NW 8.45	31 NW 9.05														

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

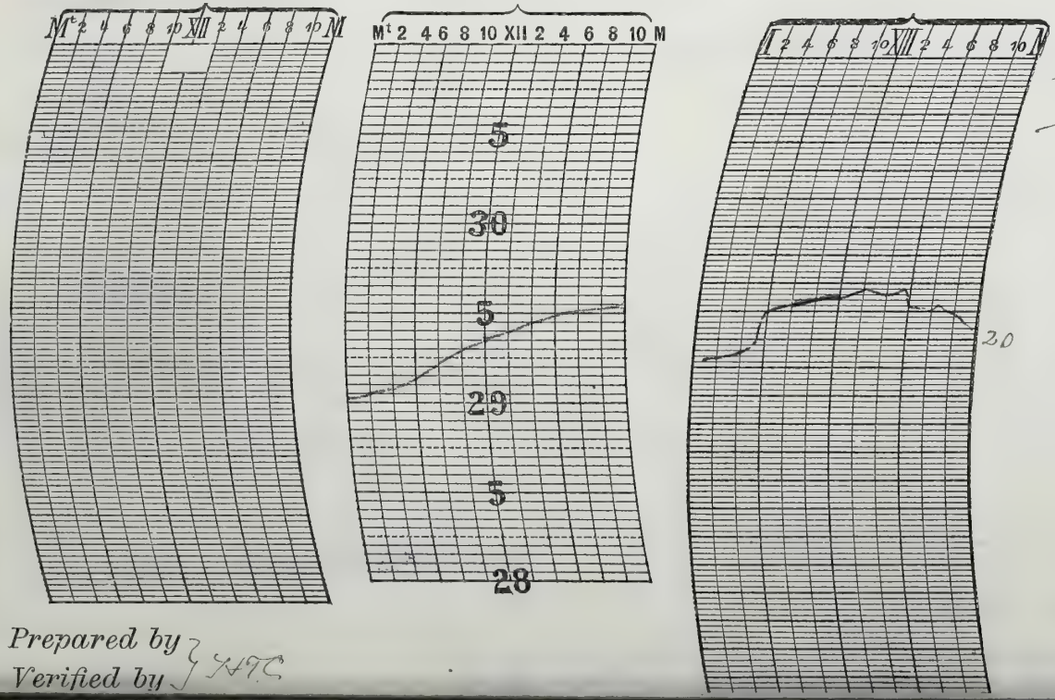
1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
29	16	22	

Total depth of snow for 24 hours ending 7 p. m., 0.4 inches.
Snow on ground 7 p. m., 0.4 inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., .04 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 2
Actual sunshine, hours, 6.9
Possible sunshine, hours, 9.3
Percentage of possible sunshine, 74
Prevailing direction NW
Total movement, 380
Average hourly velocity, 15.8

Maximum velocity,	Direction,	Time.
33	W	2.55 AM

Extreme velocity, 35
Relative humidity, 80 a. m. 81 p. m.
Reduced barometer, 30.15 a. m. 30.46 p. m.
River gage, 3.8 ft.



NOTES.

Streets and walks slippery from snow and ice

Prepared by
Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) DEC 9 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	22	20	18	18	18	18	18	17	21	27	31	33	35	36	36	35	34	33	31	30	30	29	29	30
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear						Clear											
Sunrise: Time, 6.55 Character, Clear																					Sunset: Time, 4.13 Character, Clear			
Sunshine (in tenths of hours)							.08 0	1.0 0	0.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0 0	.22 0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	6	8	10	10	10	12	12	12	15	16	17	17	20	20	16	13	15	14	17	18	18	18	16	20
Maximum 29 velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

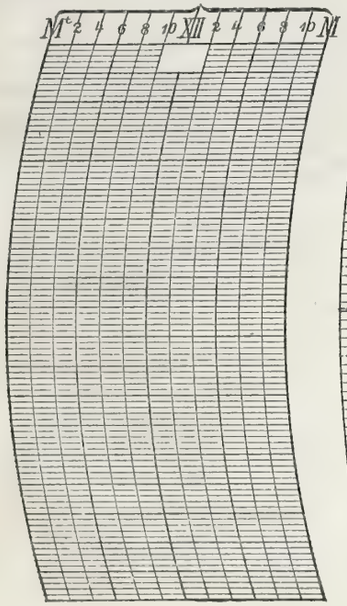
	Maximum.	Minimum.	Mean.	Normal.
	36	18	27	

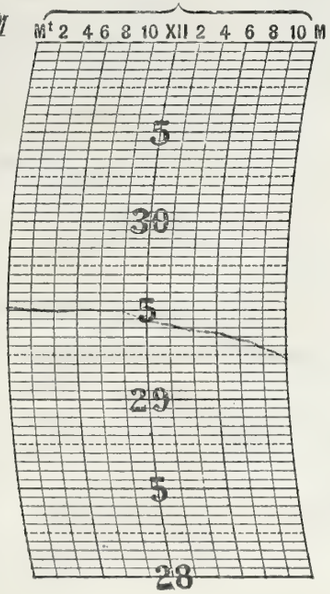
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 0
Actual sunshine, hours, 9.3
Possible sunshine, hours, 9.3
Percentage of possible sunshine, 100
Prevailing direction SW
Total movement, 350
Average hourly velocity, 14.6

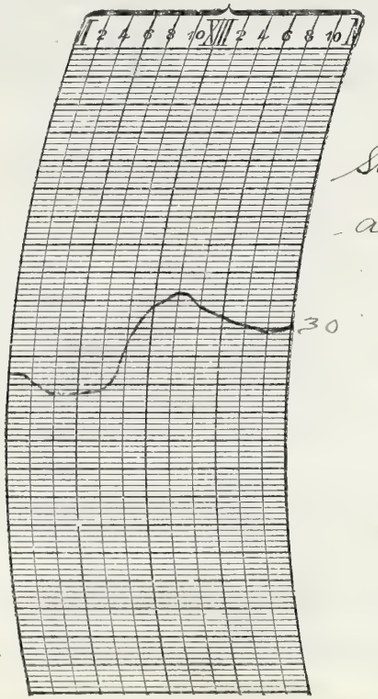
Maximum velocity,	Direction,	Time.
24	SW	11.45 P.M.

Extreme velocity, 35
Relative humidity, 62 a. m. 77 p. m.
Reduced barometer, 30.45 a. m. 30.29 p. m.
River gage, 3.0 ft.

NOTES.







Streets and walks covered with snow and ice in many places

Prepared by
Verified by J.H.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) DEC 10 1913, 191

Time (local standard), 90 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	32	32	32	32	33	33	33	34	35	36	38	40	40	39	39	37	36	35	35	34	33	32	32
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Cloudy						Pt Cldy										
Sunrise: Time, 6.55 Character, Cloudy																					Sunset: Time, 4.13 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0	0.2	0.7	1.0	0.4	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	W	W	SW	W	NW	NW	NW	W	W	W	W	NW	NW	W	NW	NW
Wind movement	20	20	22	21	20	21	16	18	14	14	12	12	15	19	14	12	11	11	10	9	7	6	6	6
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

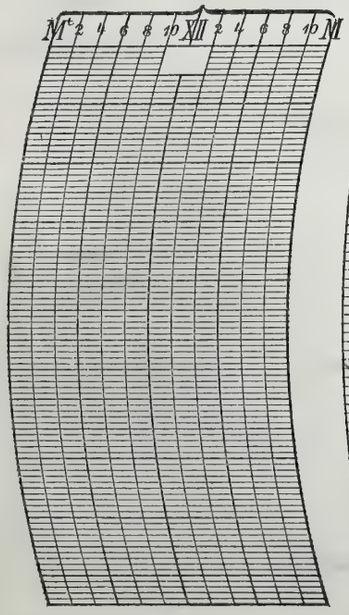
1 hours slower than 75th meridian time.

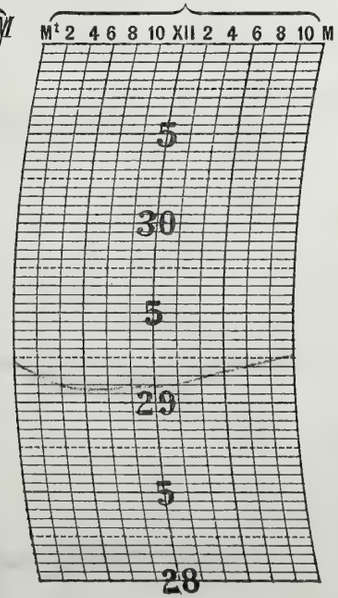
	Maximum.	Minimum.	Mean.	Normal.
	40	31	36	

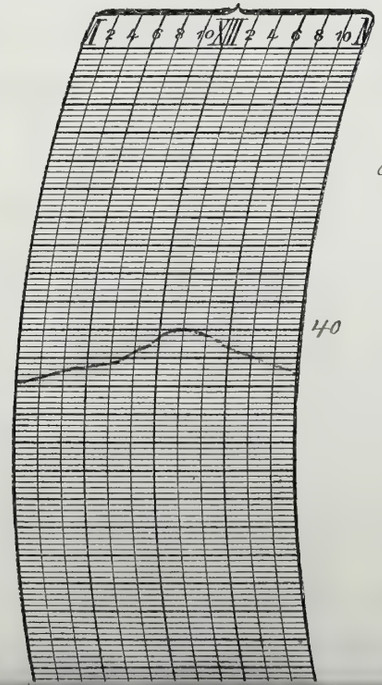
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 7 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10) 6
Actual sunshine, hours, 2.3
Possible sunshine, hours, 9.3
Percentage of possible sunshine, 25
Prevailing direction SW
Total movement, 335
Average hourly velocity, 14.0

Maximum velocity,	Direction,	Time.
24	SW	3.00 AM.

Extreme velocity, 25
Relative humidity, 75 a. m. 68 p. m.
Reduced barometer, 30.01 a. m. 30.11 p. m.
River gage, 2.6 ft







NOTES.

Streets and walks covered with snow and ice in many places.

Prepared by
Verified by J.N.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) DEC 11 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	31	29	28	26	25	26	26	27	29	32	36	38	40	39	38	37	36	35	34	33	33	32	32
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							—	—	Clear	—	—	—	—	Clear	—	—	—	—	—	—	—	—	—	—
Sunrise: Time, 6.56 Character, Clear																					Sunset: Time, 4.13 Character, Clear			
Sunshine (in tenths of hours)							.07 0	1.0 0	0.5 0.5	1.0	1.0	1.0	1.0	1.0	1.0	.05 0.5	.22 0							
Wind direction	NW	NW	N	N	N	N	N	N	N	N	N	W	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	7	8	7	6	6	3	4	3	3	3	4	5	6	7	8	7	7	8	8	8	8	10	11	11
Maximum velocities (exceeding 29 miles) direction and time																								

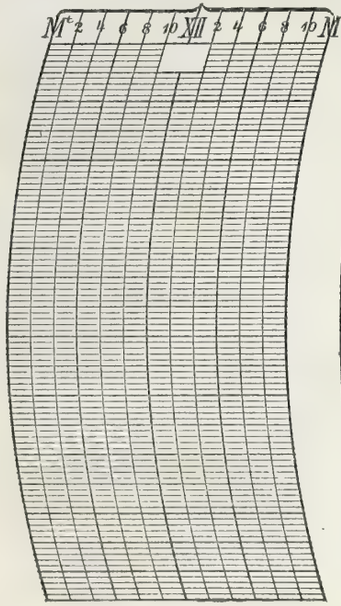
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

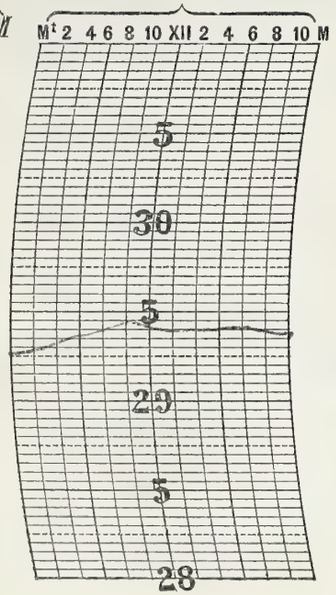
	Maximum.	Minimum.	Mean.	Normal.
	40	25	32	

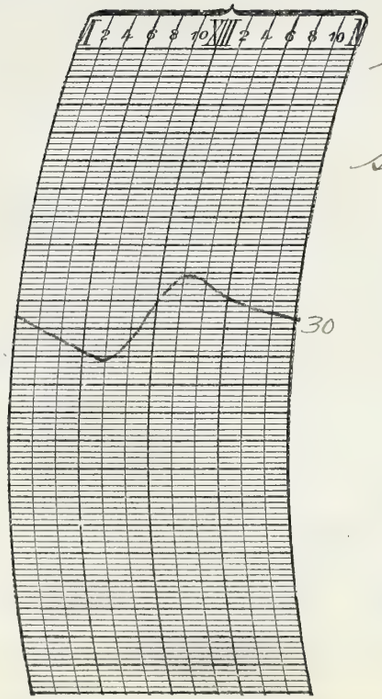
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., T a inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 0
Actual sunshine, hours, 9.3
Possible sunshine, hours, 9.3
Percentage of possible sunshine, 100
Prevailing direction SW
Total movement, 158
Average hourly velocity, 6.6

Maximum velocity,	Direction,	Time.
13	SW	11.25 P.M.

Extreme velocity, 13
Relative humidity, 68 a. m. 64 p. m.
Reduced barometer, 30.33 a. m. 30.33 p. m.
River gage, 2.1 ft.







NOTES.

Streets and walks nearly free from snow and ice.

Prepared by
Verified by } H.T.S.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) DEC 12 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	32	32	32	32	33	32	33	36	41	45	51	52	54	53	50	47	45	43	42	40	39	38	37
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear						Clear											
Sunrise: Time, Character,	6.57 Clear																				Sunset: Time, 4.13 Character, Clear			
Sunshine (in tenths of hours)							.05 0	.2 0.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.1 .9	.2 0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	14	11	14	14	14	15	13	13	13	14	16	15	17	17	17	15	13	15	13	13	10	11	13	12
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

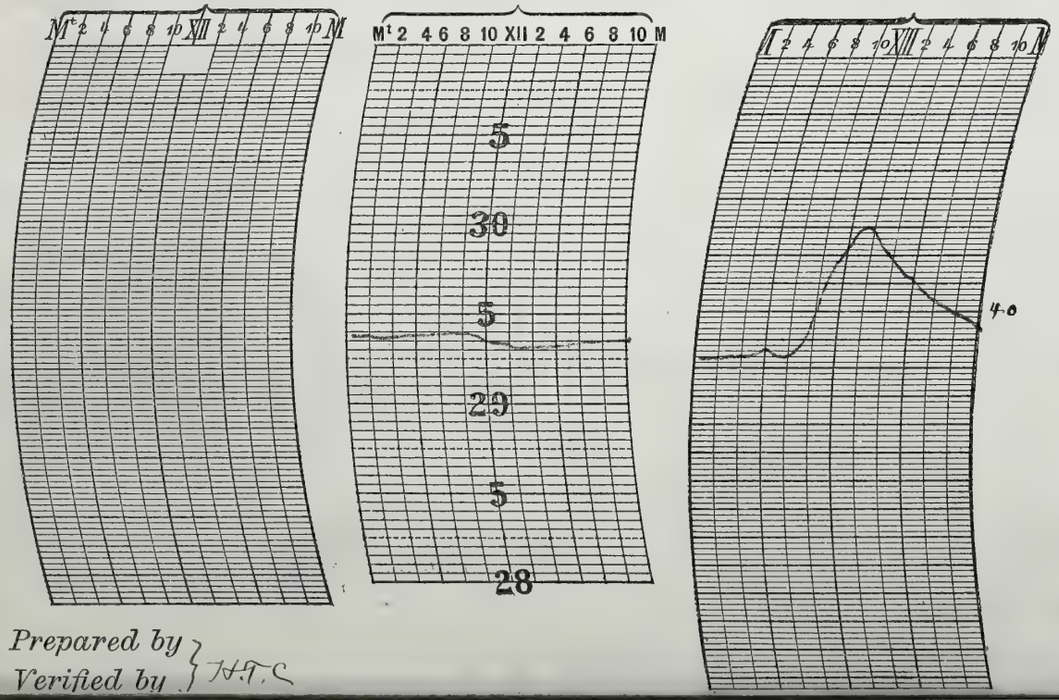
	Maximum.	Minimum.	Mean.	Normal.
	54	32	43	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 0
Actual sunshine, hours, 9.3
Possible sunshine, hours, 9.3
Percentage of possible sunshine, 100
Prevailing direction SW
Total movement, 332
Average hourly velocity, 13.8

Maximum velocity,	Direction,	Time.
19	SW	11.25 AM.

Extreme velocity, 20
Relative humidity, 65 a. m. 74 p. m.
Reduced barometer, 30.30 a. m. 30.26 p. m.
River gage, 2.1 ft.

NOTES.



Prepared by
Verified by H.T.C

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) DEC 13 1913, 191

Time (local standard), 90 mer. ____ hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	36	35	35	34	34	34	33	34	39	43	47	52	53 (55)	52	54	50	48	45	43	41	40	39	38	37
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Clear						Clear											
Sunshine (in tenths of hours)							.0	.0	.0	1.0	1.0	1.0	1.0	1.0	1.0	.3	.2							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	12	13	12	11	10	8	9	9	12	13	12	13	14	13	12	10	7	8	10	10	10	12	9	9

Sunrise: Time, 6.58 Character, Clear

Sunset: Time, 4.13 Character, Clear

Maximum velocities (exceeding 29 miles) direction and time

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	55	33	42.1	

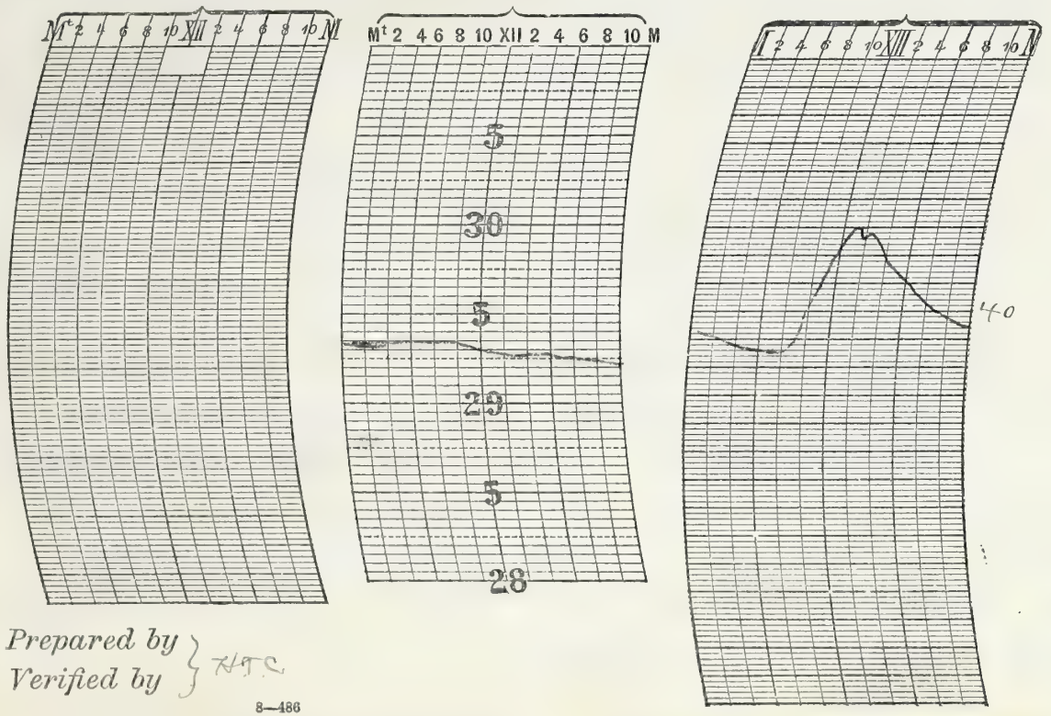
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 0
Actual sunshine, hours, 7.2
Possible sunshine, hours, 9.2
Percentage of possible sunshine, 100
Prevailing direction SW
Total movement, 258
Average hourly velocity, 10.8

Maximum velocity,	Direction,	Time.
16	SW	12.30 P.M.

Extreme velocity, 16

Relative humidity, 56 a. m. 78 p. m.
Reduced barometer, 30.27 a. m. 30.21 p. m.
River gage, 2.0 ft

NOTES.



Prepared by
Verified by } N.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) DEC 14 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	37	37	36	36	35	34	35	36	39	43	48	51	52	51	49	47	45	43	42	40	38	35	34	33
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions							Cldy	Clear					Clear											
Sunrise: Time, 6.58 Character, Cloudy																					Sunset: Time, 4.13 Character, Clear			
Sunshine (in tenths of hours)							0	0	0.8	1.0	1.0	1.0	1.0	1.0	0.8	0.5 5.22	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	NW	NW	N	N	N	N	NE	NE	NE	NE
Wind movement	10	9	10	10	10	9	11	10	11	10	12	12	16	13	11	9	6	5	5	8	9	9	5	5
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

	Maximum.	Minimum.	Mean.	Normal.
	52	33	42	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10) 3
Actual sunshine, hours, 7.8
Possible sunshine, hours, 9.2
Percentage of possible sunshine, 85
Prevailing direction SW
Total movement, 225
Average hourly velocity, 9.4

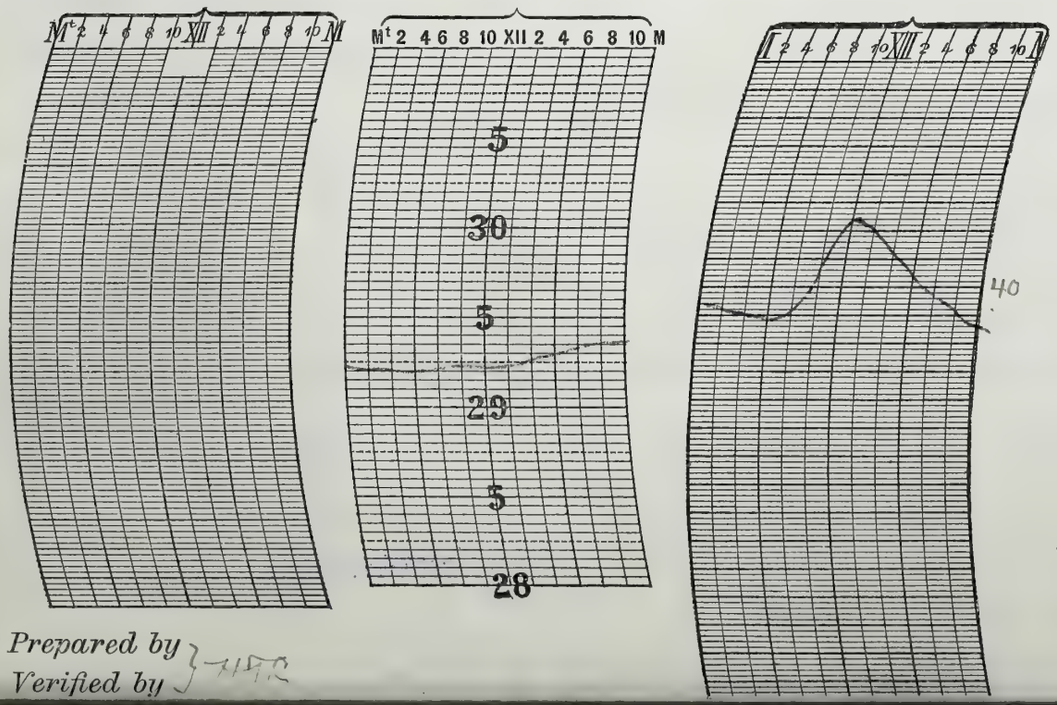
Maximum velocity,	Direction,	Time.
15	SW	11.50 A.M. P.M.

Extreme velocity, 15

	a. m.	p. m.
Relative humidity,	78	79
Reduced barometer,	30.14	30.25

River gage, 2.0 ft

NOTES.



Prepared by
Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) DEC 15 1913, 191

Time (local standard), 90 mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	32	32	31	30	28	26	25 (24)	26	28	29	30	32	34	36	37	38	40	41	40	37	34	33	34	36
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions									Cloudy				Cloudy											
Sunrise: Time, 6.59 Character, Cloudy																					Sunset: Time, 4.14 Character, Cloudy			
Sunshine (in tenths of hours)							0	0	0	0	0	0	0	0	0	0	0							
Wind direction	E	E	E	E	NE	E	E	E	SE	S	S	S	S	SW	SW	SW	S	S	SW	SW (5)	SW	SW	SW	SW
Wind movement	4	4	3	4	5	3	2	2	6	6	7	8	8	8	6	6	6	7	14	18	13	17	14	16
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

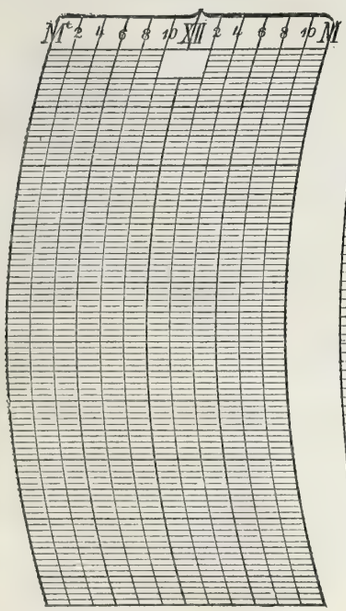
Maximum.	Minimum.	Mean.	Normal.
41	24	32	

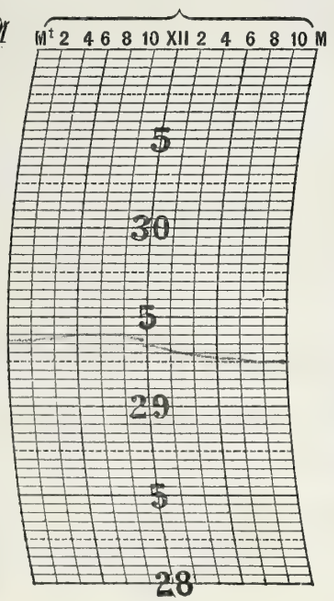
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 10
Actual sunshine, hours, 0
Possible sunshine, hours, 9.2
Percentage of possible sunshine, 0
Prevailing direction, SW
Total movement, 184
Average hourly velocity, 7.7

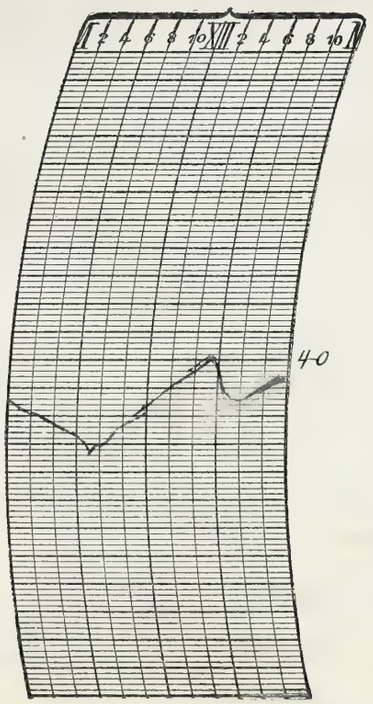
Maximum velocity,	Direction,	Time.
19	SW	7.25 P.M.

Extreme velocity, 19

Relative humidity, 95 a. m. 92 p. m.
Reduced barometer, 30.35 a. m. 30.22 p. m.
River gage, 2.0 ft







NOTES.

Dense Fog { BDN A.M. / E 7.50 A.M.

Light Fog { FB 7.50 A.M. / L 2.00 P.M.

Prepared by
Verified by J.H.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) DEC 16 1913, 191

Time (local standard), 90 mer.

	A.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	38	37	37	37	38	39	40	40	40	40	41	43	43	43	43	42	41	40	39	38	36	36	35	34
State of weather. Nature of precipitation and time of beginning and ending				RB DN	RE DN																			
Amounts of precipitation				T	T																			
Cloudiness and other conditions							Cloudy						Cloudy											
Sunrise: Time, Character,	7.00 Cloudy																				Sunset: Time, Character,			4.14 Cloudy
Sunshine (in tenths of hours)							X	0	0	0	0.1	1.0	0.4	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W
Wind movement	19	16	14	13	14	16	16	16	16	15	17	20	17	17	14	11	11	12	10	8	12	11	10	9
Maximum velocities (exceeding 20 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

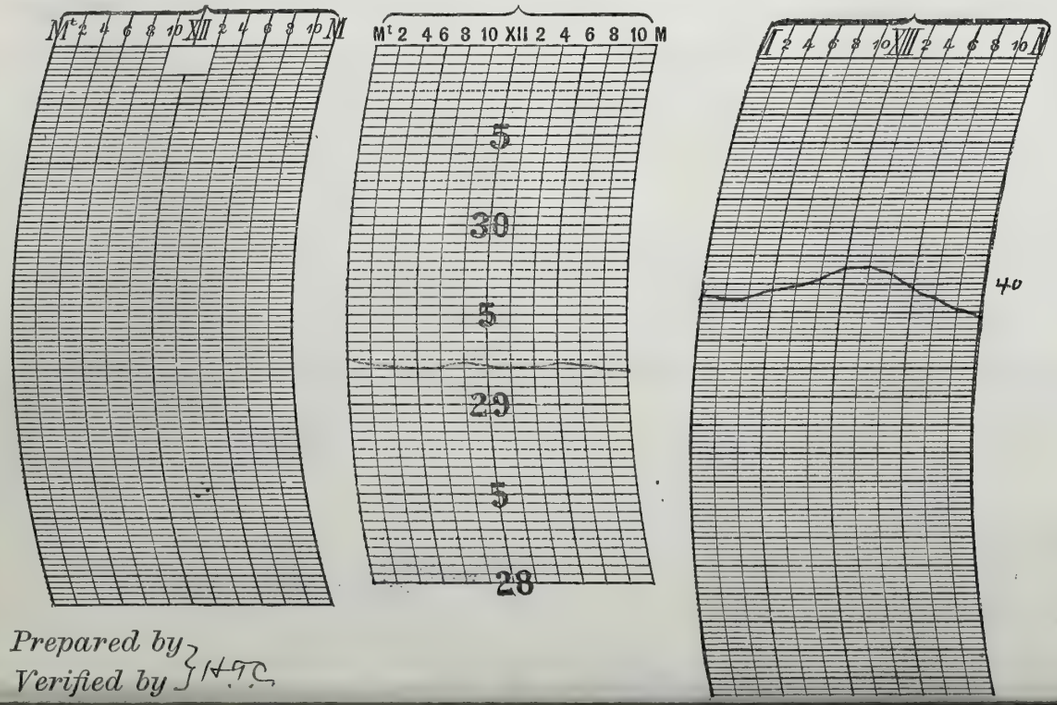
	Maximum.	Minimum.	Mean.	Normal.
	43	34	38	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10) 9
Actual sunshine, hours, 1.5
Possible sunshine, hours, 9.2
Percentage of possible sunshine, 16
Prevailing direction SW
Total movement, 334
Average hourly velocity, 13.9

Maximum velocity,	Direction,	Time.
23	SW	11.45 AM

Extreme velocity, 24
Relative humidity, 84 a. m. 86 p. m.
Reduced barometer, 30.14 a. m. 30.15 p. m.
River gage, 1.9 ft.

NOTES.



Prepared by
Verified by J.H.T.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) DEC 17 1913, 191

Time (local standard), 90 mer.

	A.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	34	33	32	32	32	32	34	34	34	35	35	36	38	39	39	38	36	35	36	35	34	33	33	32
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Cloudy					Cloudy											
Sunshine (in tenths of hours)								0	0	0	0	0	0.9	0	0	0	0							
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	W	SW	SW	W	W	W	W	W
Wind movement	11	12	9	10	11	13	13	12	11	13	14	15	15	12	13	12	9	9	12	10	11	8	8	8

Sunrise: Time, 7.01 Character, Cloudy

Sunset: Time, 4.14 Character, Cloudy

Maximum velocities (exceeding 29 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
39	32	36	

Total depth of snow for 24 hours ending 7 p. m., 0 i

Snow on ground 7 p. m., 0 inches.

Total snowfall, midnight to midnight, 0 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 in

Total precipitation, midnight to midnight, 0 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0–10)

Actual sunshine, hours, 0.9

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 10

Prevailing direction SW

Total movement, 271

Average hourly velocity, 11.3

Maximum velocity,	Direction,	Time.
18	SW	11.35 A.M.

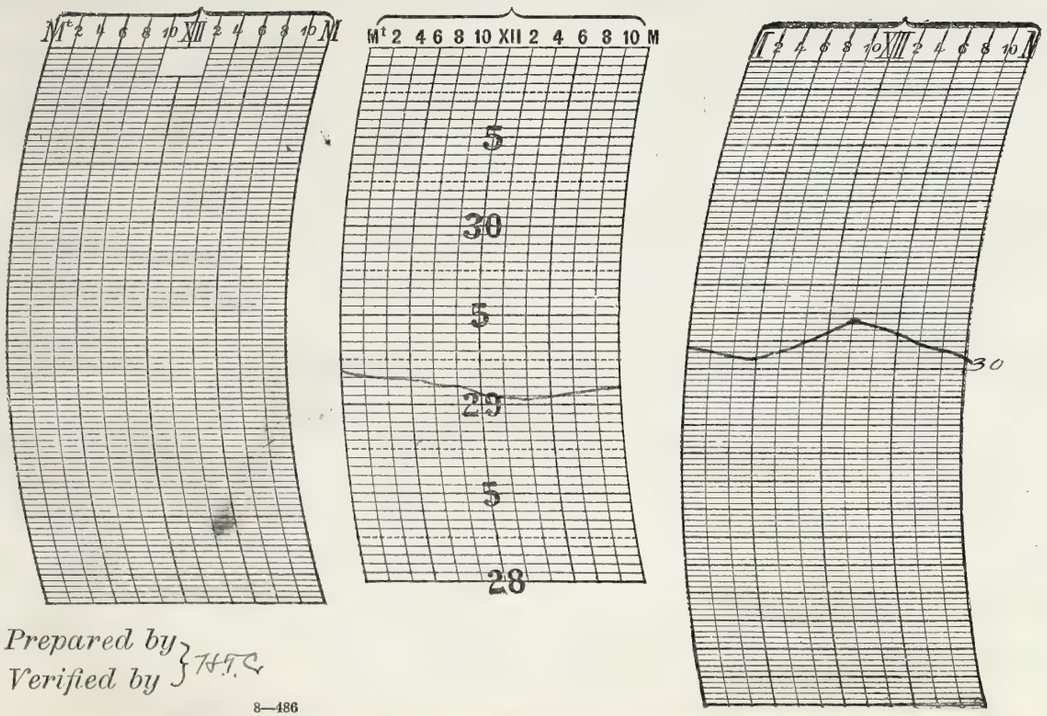
Extreme velocity, 18

Relative humidity, 86 a. m. 78 p. m.

Reduced barometer, 30.07 a. m. 30.00 p. m.

River gage, 1.9ft

NOTES.



Prepared by
Verified by } H.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) DEC 18 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	31	30	30	29	28	28	29	30	31	33	35	36	35	36	36	35	35	35	35	34	33	32	31	30
State of weather. Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Pt cloudy					Pt cloudy											
Sunrise: Time, Character	7.01 Cloudy																				Sunset: 4.15 Cloudy			
Sunshine (in tenths of hours)								0	0.4	1.0	1.0	0.1	0.2	0.7	0.5	0	0							
Wind direction	W	W	W	W	NW	NW	NW	NW	NW	NW	NW	N	NW	N	NW	NW	N	N	N	NE	NE	NE	E	SE
Wind movement	8	8	7	8	8	7	7	6	6	8	11	10	10	10	10	8	5	3	2	3	3	2	3	3
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

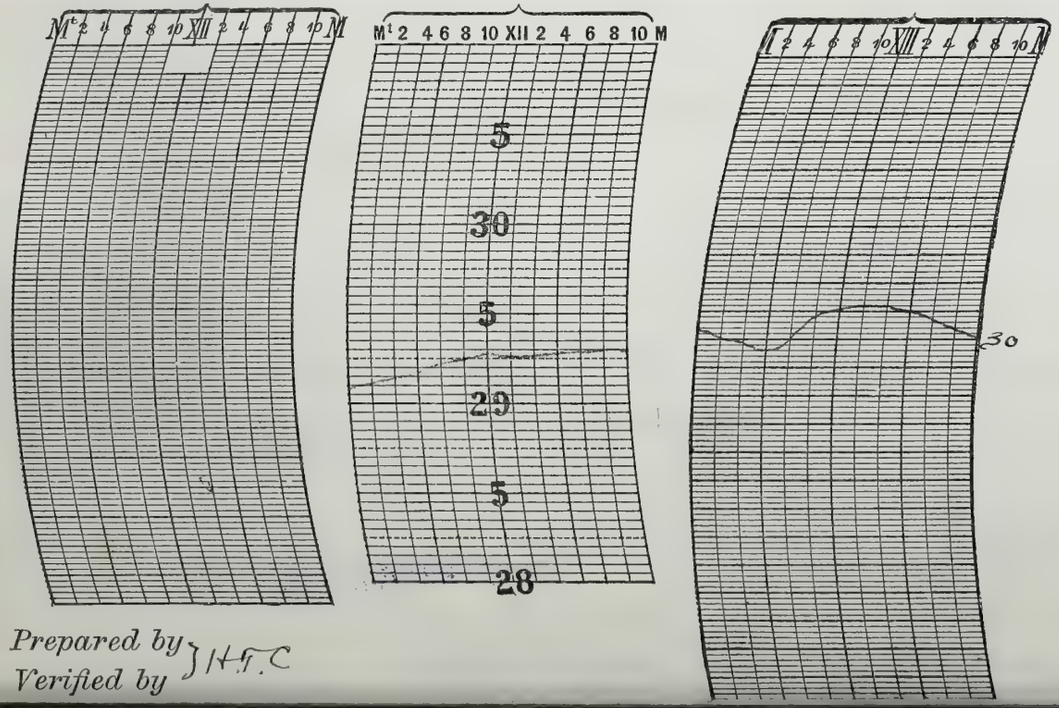
	Maximum.	Minimum.	Mean.	Normal.
	36	28	32	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt cloudy. Moon phase,
Average daily cloudiness (0-10) 5
Actual sunshine, hours, 3.9
Possible sunshine, hours, 9.2
Percentage of possible sunshine, 42
Prevailing direction NW
Total movement, 156
Average hourly velocity, 6.5

Maximum velocity,	Direction,	Time.
13	NW	2.00 PM.

Extreme velocity, 13
Relative humidity, 69 a. m. 72 p. m.
Reduced barometer, 30.15 a. m. 30.24 p. m.
River gage, 1.9 ft.

NOTES.



Prepared by
Verified by J.H.T.C

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) DEC 19 1913, 191

Time (local standard), 90 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	29	27	26	25	25	25	25	29	32	35	37	39	40	40	39	38	37	36	35	34	32	31	30
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Clear					Clear											
Sunrise: Time 702, Character Clear																					Sunset: Time 415, Character Clear			
Sunshine (in tenths of hours)								.77 0	.3 0.7	1.0	1.0	1.0	1.0	1.0	1.0	0.2 0.8	.25 0							
Wind direction	SE	SE	S	S	S	S	S	SW	SW	SW	SW	SW	S	S	SW	SW	SW	SW	SW	SW	SW	SW	S	S
Wind movement	4	3	5	5	6	5	6	6	9	11	12	10	9	8	10	8	5	4	4	4	2	5	7	7
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

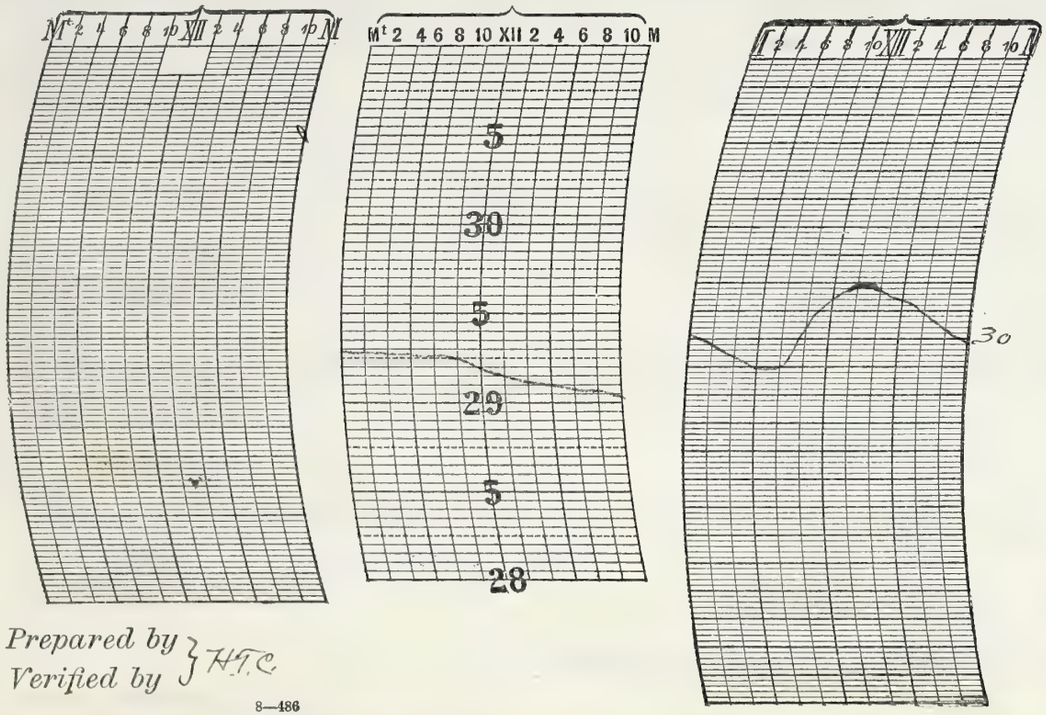
Maximum.	Minimum.	Mean.	Normal.
40	25	32	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0-10) 0
Actual sunshine, hours, 9.2
Possible sunshine, hours, 9.2
Percentage of possible sunshine, 100
Prevailing direction SW
Total movement, 155
Average hourly velocity, 6.5

Maximum velocity,	Direction,	Time.
15	SW	10.25 A.M.

Extreme velocity, 16
Relative humidity, 81 a. m. 69 p. m.
Reduced barometer, 30.20 a. m. 30.02 p. m.
River gage, 1.9 ft

NOTES.



Prepared by
Verified by H.T.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) DEC 20 1913, 191

Time (local standard), 90 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	30	29	29	28	27	28	28	30	32	34	36	42	42	41	40	40	39 RB 5.23	37	36	35 RE 8.38 SB 6.38	34	33	33
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																		T	T	.02	.02			
Cloudiness and other conditions								Cloudy					Pt Cldy			Cloudy								
Sunrise: Time, Character,	7.02 Cloudy																							
Sunshine (in tenths of hours)								0	0	0.1	0	0.2	1.0	0.6	0.3	0	0							
Sunset: Time, Character,																					4.15 Cloudy			
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	W	N	N	N
Wind movement	6	7	6	8	8	7	8	8	8	10	8	9	9	11	9	8	6	5	5	4	4	5	7	8
Maximum velocities (exceeding 29 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

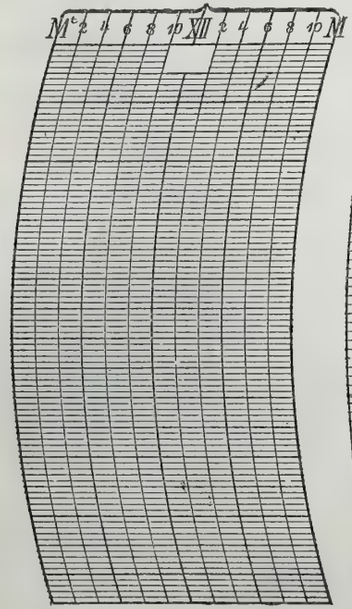
	Maximum.	Minimum.	Mean.	Normal.
	42	27	34	

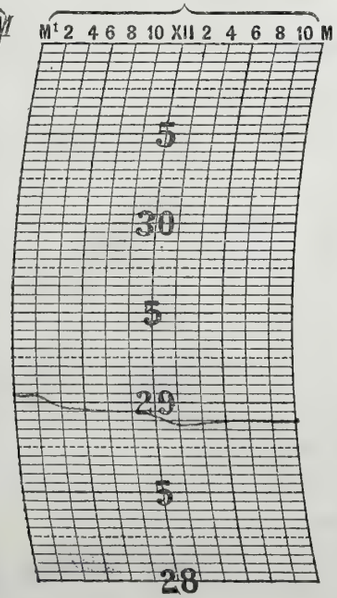
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 0 inches.
Total snowfall, midnight to midnight, .05 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .09 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 8
Actual sunshine, hours, 2.2
Possible sunshine, hours, 9.2
Percentage of possible sunshine, 24
Prevailing direction SW
Total movement, 174
Average hourly velocity, 7.2

Maximum velocity.	Direction,	Time.
13	SW	1.45 P.M.

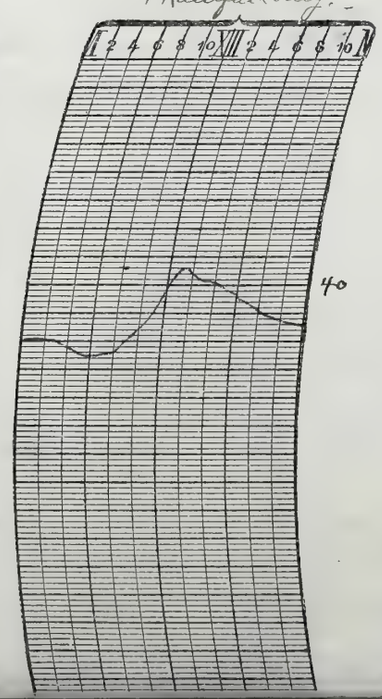
Extreme velocity, 13

Relative humidity, 70 a. m. 100 p. m.
Reduced barometer, 29.90 a. m. 29.85 p. m.
River gage, 1.8 ft.





+Rainfall only.



NOTES.

Prepared by
Verified by } H.F.C.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) DEC 21 1913, 191

Time (local standard), 90 mer.

	A.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P.M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	31	30	30	29	28	27	27	25	26	27	28	29	30	32	33	32	31	31	31	30	30	29	28	27
State of weather: Nature of precipitation and time of beginning and ending								SE 7.53																
State of weather: Amounts of precipitation																								
State of weather: Cloudiness and other conditions								Cloudy			X	Clear												
Sunrise: Time, Character	7.03 Cloudy																				Sunset: 4.16 Clear			
Sunshine (in tenths of hours)								0	0	0	0.7	1.0	1.0	1.0	1.0	0.3 0.7	2.7 0							
Wind direction	N	NE	N	N	N	N	N	N	N	N	N	N	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW	NW
Wind movement	10	12	12	11	11	11	9	10	8	6	7	7	9	8	10	7	6	5	4	5	4	3	3	3
Maximum velocities (exceeding 27 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

1 hours slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.
	33	25	29	

Total depth of snow for 24 hours ending 7 p. m., 0.5 inches.
Snow on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., .07 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Clear Moon phase,
Average daily cloudiness (0–10) 3
Actual sunshine, hours, 6.0
Possible sunshine, hours, 9.2
Percentage of possible sunshine, 65
Prevailing direction NW
Total movement, 181
Average hourly velocity, 7.6

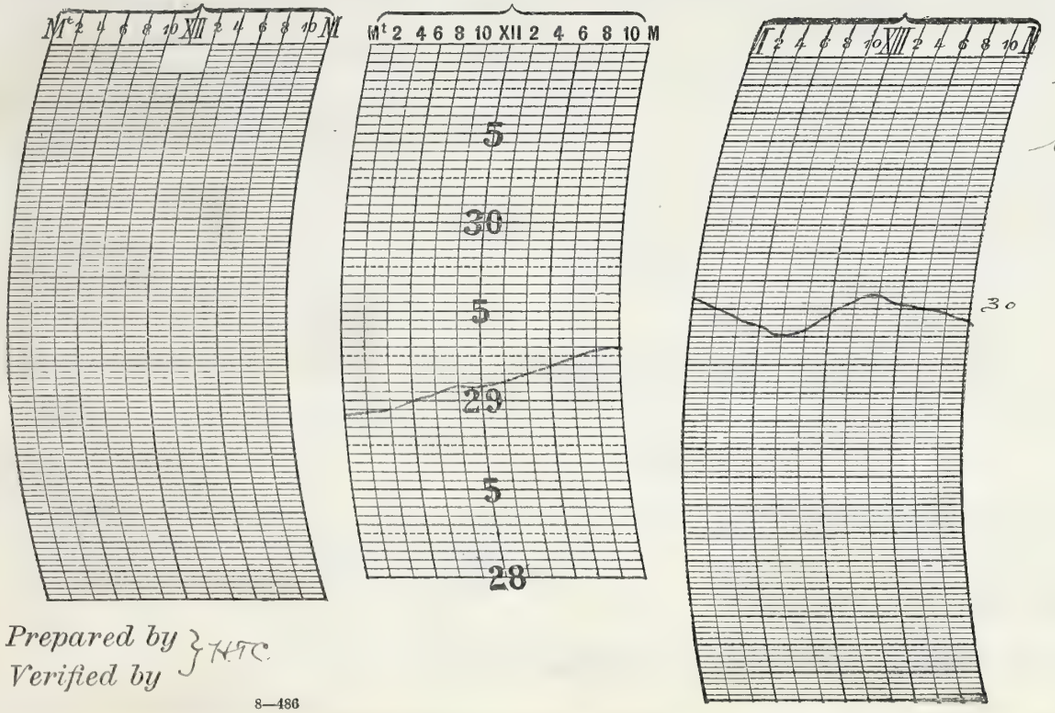
Maximum velocity,	Direction,	Time.
15	N	2.01 A.M.

Extreme velocity, 16

Relative humidity, 100 a. m. 73 p. m.
Reduced barometer, 29.96 a. m. 30.17 p. m.
River gage, 1.8 ft

NOTES.

Streets and walks slippery from snow and ice



Prepared by
Verified by } H.F.C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) DEC 22 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	26	25	23	22	22	22	21	20	19	21	24	29	32	34	34	34	33	31	30	28	27	26	26	25	26
State of weather: Nature of precipitation and time of beginning and ending																									
Amounts of precipitation																									
Cloudiness and other conditions								Clear						Clear			Cldy								
Sunrise: Time, 7.03 Character, Clear																					Sunset: Time, 4.16 Character, Clear			
Sunshine (in tenths of hours)								0	0	0.9	1.0	1.0	1.0	1.0	0.6	0	0								
Wind direction	NW	NW	NW	NW	NW	NW	N	NE	NE	NE	NE	E	E	E	E	E	E	E	E	E	E	E	E	NE	
Wind movement	2	1	1	2	1	1	4	6	5	5	5	5	7	8	9	7	8	11	10	11	13	10	11	15	

Maximum 29 velocities (exceeding ____ miles) direction and time

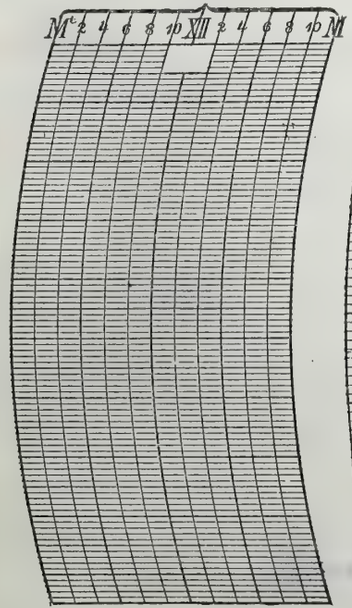
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

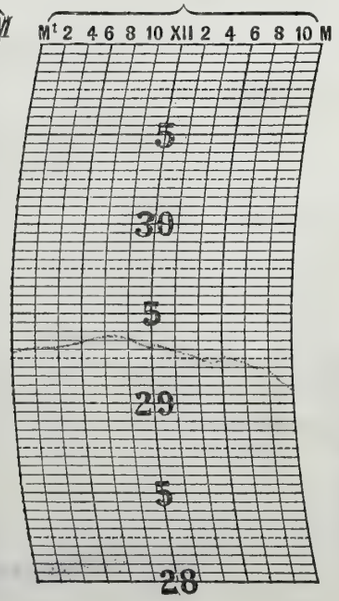
	Maximum.	Minimum.	Mean.	Normal.
	34	19	26	

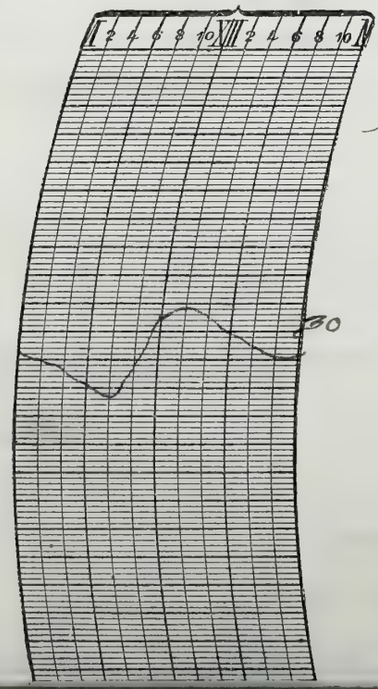
Total depth of snow for 24 hours ending T p. m., 0 inches.
Snow on ground T p. m., T inches.
Total snowfall, midnight to midnight, ____ inches.
Precipitation to T a. m., 0 ins.; to T p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Clear Moon phase, ____
Average daily cloudiness (0-10) ~~0~~ 1
Actual sunshine, hours, ~~T.~~ 7.6
Possible sunshine, hours, 9.2
Percentage of possible sunshine, ~~100~~ 83
Prevailing direction E
Total movement, 158
Average hourly velocity, 6.6

Maximum velocity,	Direction,	Time.
17	NE	11.25 PM.

Extreme velocity, 17
Relative humidity, 61 a. m. 71 p. m.
Reduced barometer, 30.33 a. m. 30.18 p. m.
River gage, 1.9 ft.







NOTES.

Streets and walks covered with ice and snow in many places

Prepared by
Verified by J. [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) DEC 23 1913, 191

Time (local standard), 90 mer.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	27	27	29	29	29	30	31	32	32	33	33	34	34	34	34	34	34	34	34	34	34	33	33	33
State of weather. Nature of precipitation and time of beginning and ending			RB DN						RE 8.53 SB 8.55		SE 10.50													
Amounts of precipitation			.04	.03	.02	.01	.01	.05	.05															
Cloudiness and other conditions									Cloudy						Cloudy									
Sunrise: Time, 7.04 Character, Cloudy																								
Sunset: Time, 4.17 Character, Cloudy																								
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	NE	E	E	NE	NE	NE	NE	E	E	NE	NE	NE	NW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW
Wind movement	16	13	13	13	12	10	11	8	5	3	2	2	3	9	10	9	10	10	8	8	9	6	7	6
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Excessive precipitation, accumulated amounts

1 hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.
35	26	30	

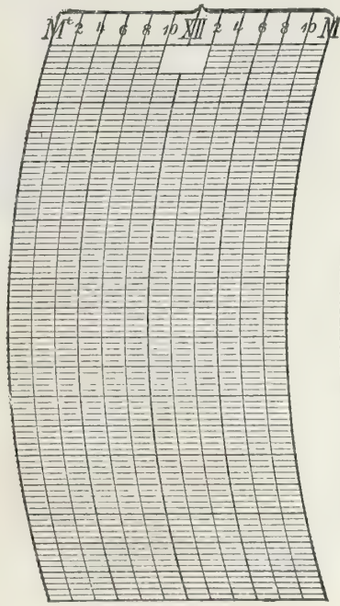
Total depth of snow for 24 hours ending 7 p. m., 1.0 inches
Snow on ground 7 p. m., 0.3 inches.
Total snowfall, midnight to midnight, 1.0 inches.
Precipitation to 7 a. m., .11 ins.; to 7 p. m., .20 ins.
Total precipitation, midnight to midnight, 1.31 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 10
Actual sunshine, hours, 0
Possible sunshine, hours, 92
Percentage of possible sunshine, 0
Prevailing direction SW
Total movement, 203
Average hourly velocity, 8.5

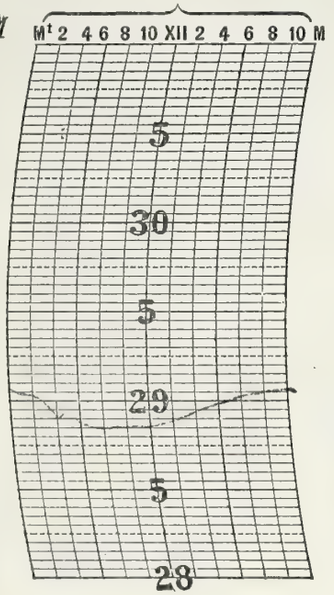
Maximum velocity,	Direction,	Time.
18	~~12.31~~ NE	12.31 AM

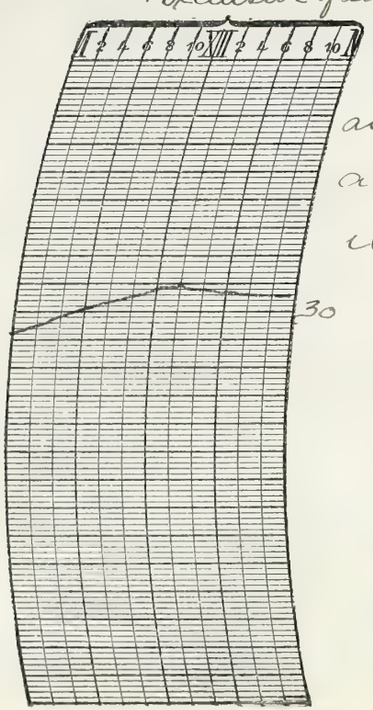
Extreme velocity, 18

Relative humidity, 100 a. m. 91 p. m.
Reduced barometer, 29.85 a. m. 29.96 p. m.

River gage, 1.94+







+ exclusive of snowfall

NOTES.

Rain which fell in the early morning and the forenoon froze on the streets and walks, etc. giving them a coat of ice and making them slippery.

Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) DEC 24 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour	33	33	32	32	31	32	32	32	32	32	33	34	33	34	34	34	34	34	33	33	33	32	32	32
State of weather: Nature of precipitation and time of beginning and ending				PB DN	RE DN							SB 11.05 SE 11.20												
State of weather: Amounts of precipitation				.01	T							T												
State of weather: Cloudiness and other conditions								Cloudy						Cloudy										
Sunrise: Time 7.04, Character Cloudy																					Sunset: Time 4.18, Character Cloudy			
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	SW	W	W	W	N	NE	NE	NE	NE	N	N	N	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE
Wind movement	4	4	4	3	4	4	3	3	5	4	2	4	5	3	4	3	5	3	5	5	6	5	5	6
Maximum velocities (exceeding 27 miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

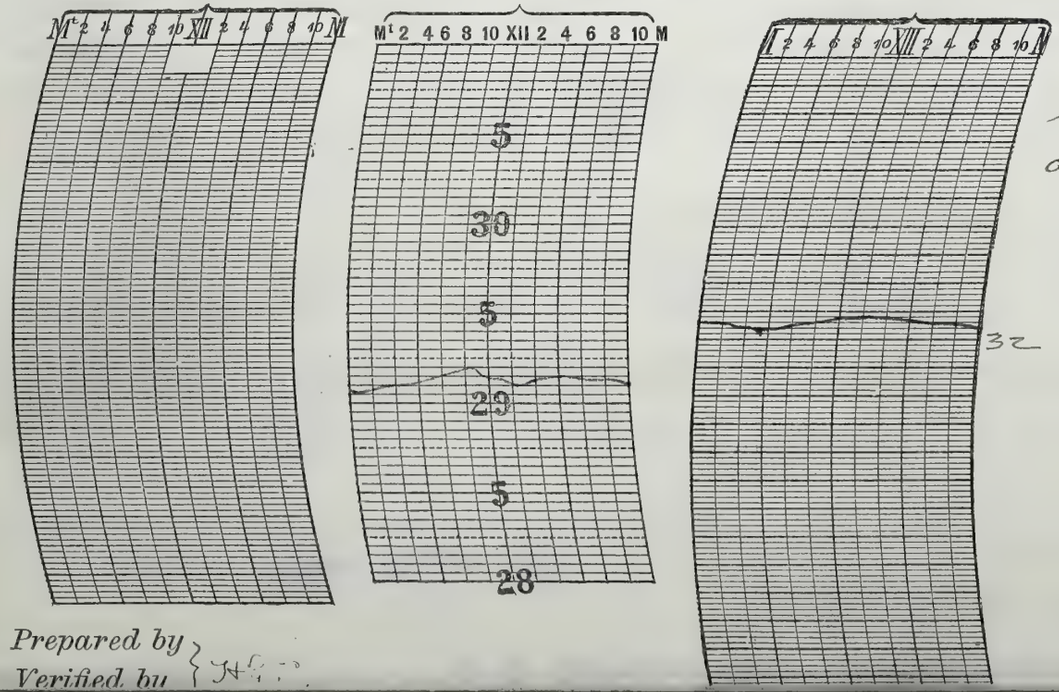
	Maximum.	Minimum.	Mean.	Normal.
	34	31	32.	

Total depth of snow for 24 hours ending 1 p. m., T inches.
Snow on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., .01 ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, .01 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10) 10
Actual sunshine, hours, 0
Possible sunshine, hours, 9.2
Percentage of possible sunshine, 0
Prevailing direction NE
Total movement, 99
Average hourly velocity, 4.1

Maximum velocity,	Direction,	Time.
8	NE	9.35 P.M.

Extreme velocity, 8

Relative humidity, 90 a. m. 95 p. m.
Reduced barometer, 30.08 a. m. 30.10 p. m.
River gage, 4.6 ft.



NOTES.

Streets and walks slushy from melting snow and ice

Prepared by
Verified by

Verified by [illegible]

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Thursday, (Date) DEC 25 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	32	32	32	32	32	32	31	30	30	30	29	28	29	30	30	29 SB 4.10	30	30	31	31 SE 8.50	32	32	32
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions									Cloudy															
Sunrise: Time, 7.05 Character, Cloudy																					Sunset: Time, 4.18 Character, Cloudy			
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	NE	NE	NE	NE	NE	NE	NE	NE	N	NE	N	NE	NE	NE	NE	NE	NE	N	N	N	NE	N	N	N
Wind movement	7	7	7	9	14	16	16	19	19	21	16	17	26	24	23	26	20	18	19	20	21	21	19	19
Maximum velocities (exceeding 29 miles) direction and time																32 NE 3.26								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

Maximum. 32 — Minimum. 28 — Mean. 30 — Normal.

Total depth of snow for 24 hours ending 7 p. m., 0.1 inch

Snow on ground 7 p. m., 0.1 inches.

Total snowfall, midnight to midnight, 0.1 inches.

Precipitation to 7 a. m., 0 ins.; to 7 p. m., .01 in

Total precipitation, midnight to midnight, .01 inches.

Character of day, Cloudy Moon phase,

Average daily cloudiness (0-10) 9.10

Actual sunshine, hours, 0

Possible sunshine, hours, 9.2

Percentage of possible sunshine, 0

Prevailing direction NE

Total movement, 424

Average hourly velocity, 17.7

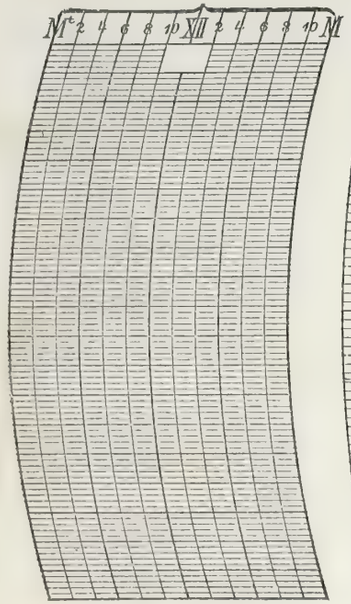
Maximum velocity, 32 — Direction, NE — Time. 3.26 PM

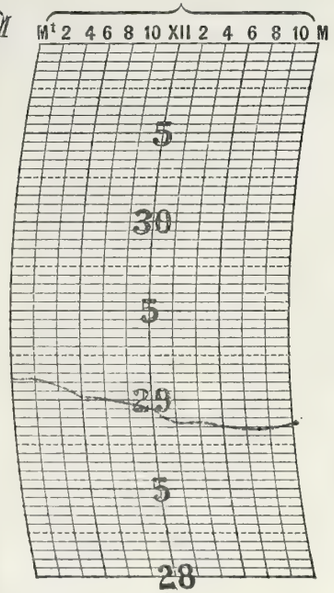
Extreme velocity, 33

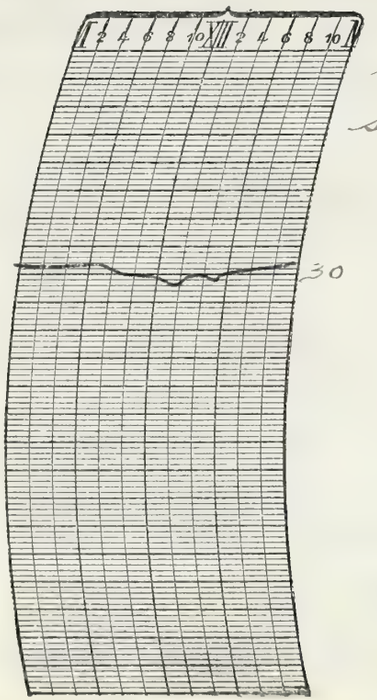
Relative humidity, 84 a. m. 94 p. m.

Reduced barometer, 29.95 a. m. 29.76 p. m.

River gage, 4.5 ft







NOTES.

Streets and walks slippery from snow and ice

Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Friday, (Date) DEC 26 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	32	31	29	27	26	24	25	24	23	23	23	23	23	23	23	23	22	21	20	19	18	18	18	17
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Cloudy						Cloudy										
Sunrise: Time, 7.05 Character, Cloudy																					Sunset: Time, 4.19 Character, Cloudy			
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	N	N	N	N	N	N	N	N	NW	N	N	N	N	N	N	N	N	N	N	N	NE	NE	N	N
Wind movement	17	16	15	13	13	14	12	13	13	10	11	9	9	9	6	7	5	4	5	5	4	3	2	3
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

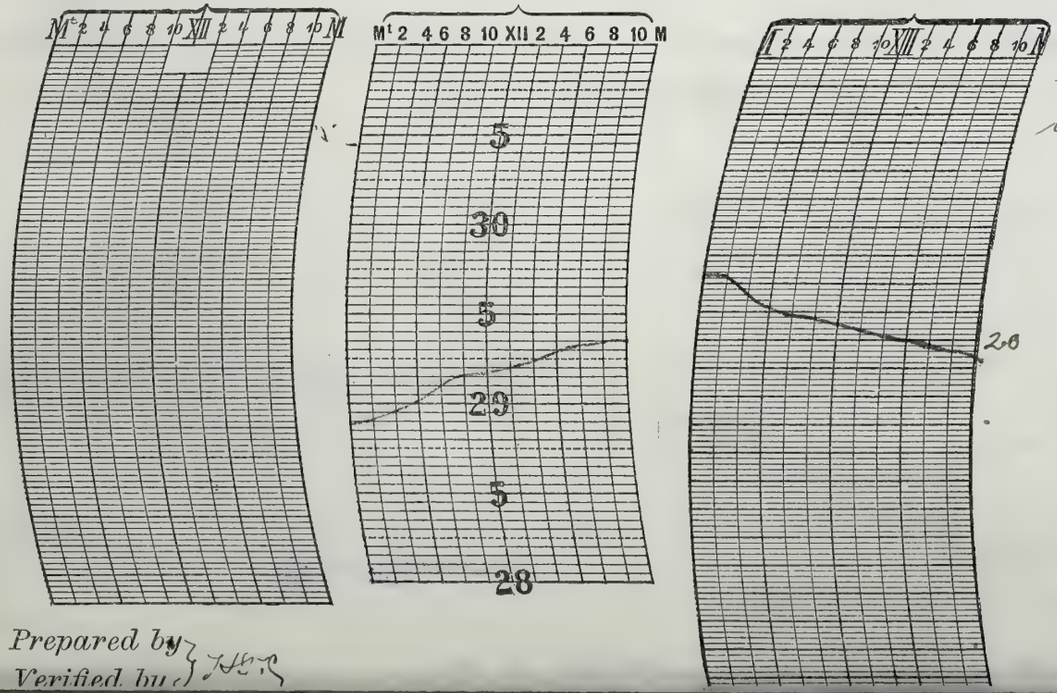
Excessive precipitation, accumulated amounts

Maximum 32 — Minimum 17 — Mean 24 — Normal

Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10) 10.0
Actual sunshine, hours, 0
Possible sunshine, hours, 9.3
Percentage of possible sunshine, 0
Prevailing direction N
Total movement, 218
Average hourly velocity, 9.1

Maximum velocity, 24 Direction, NE Time, 1.08 A.M.
Extreme velocity, 26

Relative humidity, 81 a. m. 73 p. m.
Reduced barometer, 30.00 a. m. 30.26 p. m.
River gage, 4.3 ft.



NOTES.

Streets and walks slippery from snow and ice.

Prepared by
Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Saturday, (Date) DEC 27 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	16	16	15	14	15	15	16	16	20	23	25	25	26	29	29	28	28	27	26	26	25	25	26	27
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Cloudy					Pt Cloudy											
Sunshine (in tenths of hours)								0	0	0.2	0.6	0.2	1.0	1.0	0.9	0	0							0
Wind direction	NE	NE	NE	E	E	SE	SE	SE	SE	SE	E	S	S	SE	SE	S	S	SE	SE	SE	SE	SE	SE	SE
Wind movement	2	3	2	3	3	2	2	3	3	3	4	5	5	4	6	4	5	5	4	2	2	3	3	3

Sunrise: Time, 7.05 Character, Cloudy

Sunset: Time, 4.19 Character, Cloudy

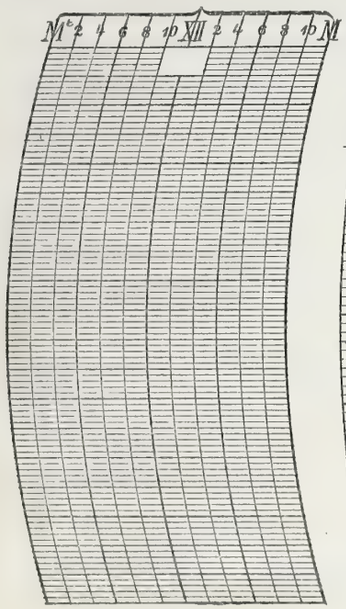
Maximum 29 velocities (exceeding 29 miles) direction and time

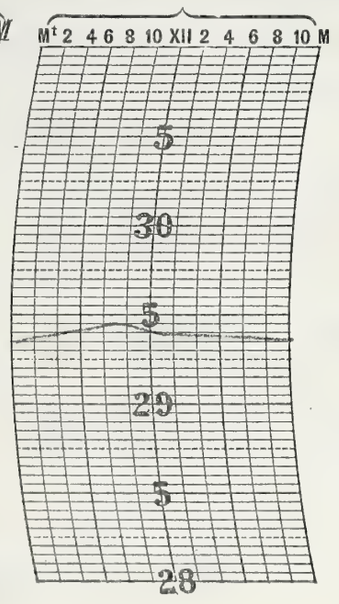
Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

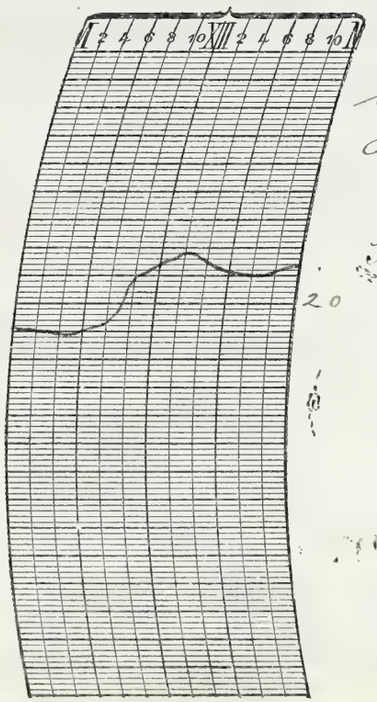
	Maximum.	Minimum.	Mean.	Normal.
	29	14	22	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 17 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Pt Cloudy Moon phase,
Average daily cloudiness (0-10) 7
Actual sunshine, hours, 3.9
Possible sunshine, hours, 9.2
Percentage of possible sunshine, 42
Prevailing direction SE
Total movement, 74
Average hourly velocity, 3.3

Maximum velocity, 6 Direction, SE Time, 2.45 P.M.
Extreme velocity, 6
Relative humidity, 76 a. m. 69 p. m.
Reduced barometer, 30.38 a. m. 30.36 p. m.
River gage, 40 ft.







NOTES.

Streets and walks slippery from snow and ice.

Halo, solar, observed in afternoon.

Prepared by
Verified by } H. C.

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Sunday, (Date) DEC 28 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	27	28	28	28	28	28 SB DN	28	28	29 SE 8.20	29	30	32	32	32	32	32	32	32	32	32	31	31	30	30
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Cloudy					Cloudy											
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0								
Wind direction	SE	S	SW	SW	NW	W	W	SW	SW	SW	SW	SW	W	NW	W	W	W	SW	SW	SW	SW	SW	SW	SW
Wind movement	4	3	4	5	6	5	6	6	6	7	7	7	6	6	5	5	3	3	3	4	4	4	4	5

Sunrise: Time, 7.06 Character, Cloudy

Sunset: Time, 4.20 Character, Cloudy

Maximum velocities (exceeding 27 miles) direction and time

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

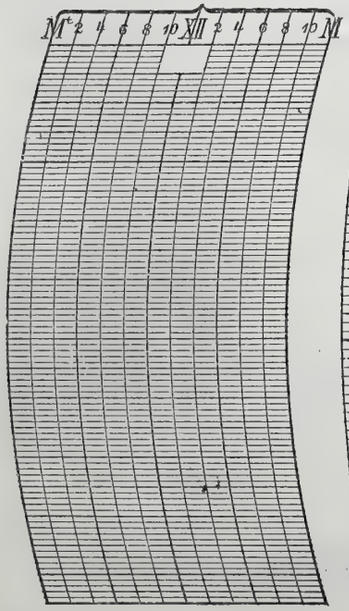
Excessive precipitation, accumulated amounts

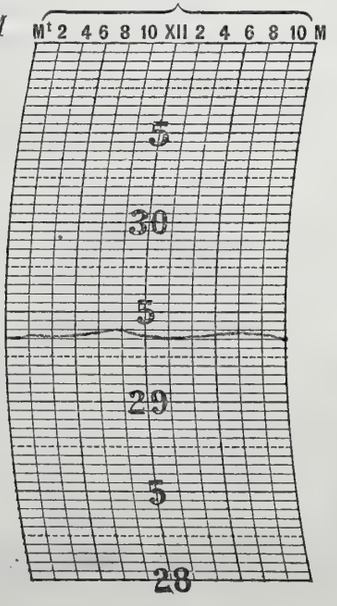
	Maximum.	Minimum.	Mean.	Normal.
	32	27	30	

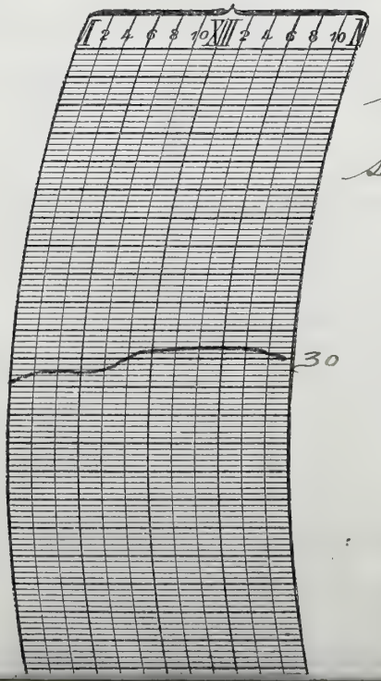
Total depth of snow for 24 hours ending 7 p. m., T inches.
Snow on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, T inches.
Precipitation to 7 a. m., T ins.; to 7 p. m., T ins.
Total precipitation, midnight to midnight, T inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0–10), 10
Actual sunshine, hours, 0
Possible sunshine, hours, 9.2
Percentage of possible sunshine, 0
Prevailing direction, SW
Total movement, 120
Average hourly velocity, 5.0

Maximum velocity, 10 Direction, W Time, 4.55 A.M.
Extreme velocity, 10 W

Relative humidity, 100 a. m. 71 p. m.
Reduced barometer, 30.33 a. m. 30.32 p. m.
River gage, 3.5 ft.







NOTES.

Streets and walks in many places slippery from snow and ice.

Prepared by
Verified by H.T.C

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Monday, (Date) DEC 29 1913, 191

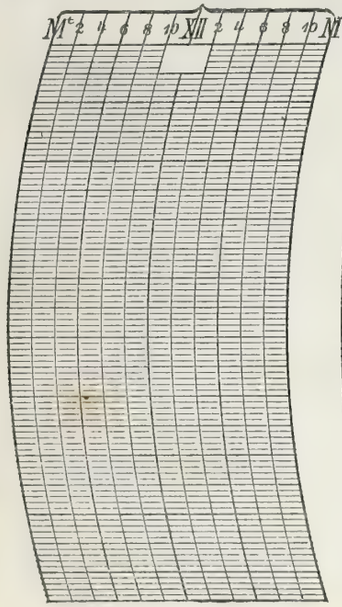
Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

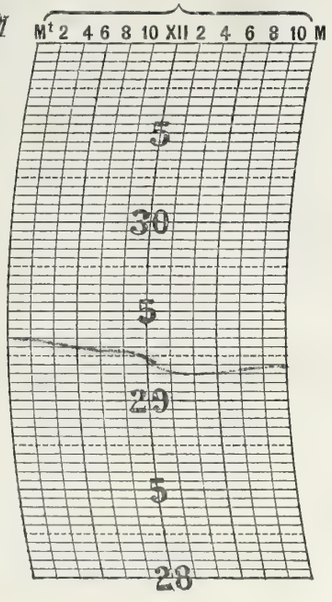
	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	30	30	29	29	29	28	28	28	28	29	29	29	30	29	30	30	30	30	30	30	29	29	29	29
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Cloudy	—	—	—	—	Cloudy	—	—	—	—	—	—	—	—	—	—	—
Sunrise: Time, 7.06 Character, Cloudy																								
Sunset: Time, 4.21 Character, Cloudy																								
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0	0						
Wind direction	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	SW	W	SW	SW	SW	SW	W	W	W	W	W
Wind movement	5	5	6	7	6	8	6	7	10	8	10	11	10	12	11	12	12	12	12	14	12	11	10	10
Maximum velocities (exceeding 29 miles) direction and time																								

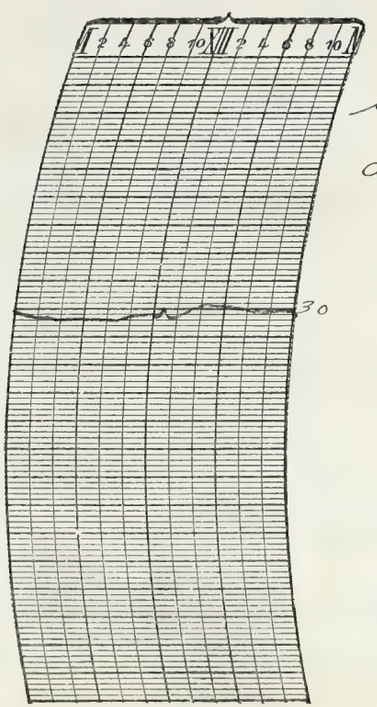
Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

	Maximum.	Minimum.	Mean.	Normal.
	30	28	29	

Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 9.0
Actual sunshine, hours, 0
Possible sunshine, hours, 9.2
Percentage of possible sunshine, 0
Prevailing direction SW
Total movement, 227
Average hourly velocity, 9.5
Maximum velocity, 18 Direction, W Time, 7.20 PM
Extreme velocity, 18
Relative humidity, 82 a. m. 89 p. m.
Reduced barometer, 30.24 a. m. 30.11 p. m.
River gage, 3.0 ft.







NOTES.

Streets and walks, in many places slippery from snow and ice

Prepared by
Verified by J.T.C

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Tuesday, (Date) DEC 30 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M.												P. M.											
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	29	28	29	29	29	29	30	30	31	31	33	32	33	33	33	32	31	30	30	30	29	29	28	27
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Cloudy	—	—	—	—	—	Cloudy	—	—	—	—	—	—	—	—	—	—
Sunrise: Time, Character,	7.06 Cloudy																							
Sunset: Time, Character,																					4.22 Cloudy			
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	W	W	W	W	W	W	W	W	W	SW	SW	SW	S	S	S	S	S	S	S	SW	SW	SW	S	S
Wind movement	10	10	8	8	7	6	6	4	5	5	5	5	4	5	6	5	5	6	4	6	6	5	5	3
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																			

	Maximum.	Minimum.	Mean.	Normal.
	33	27	30	

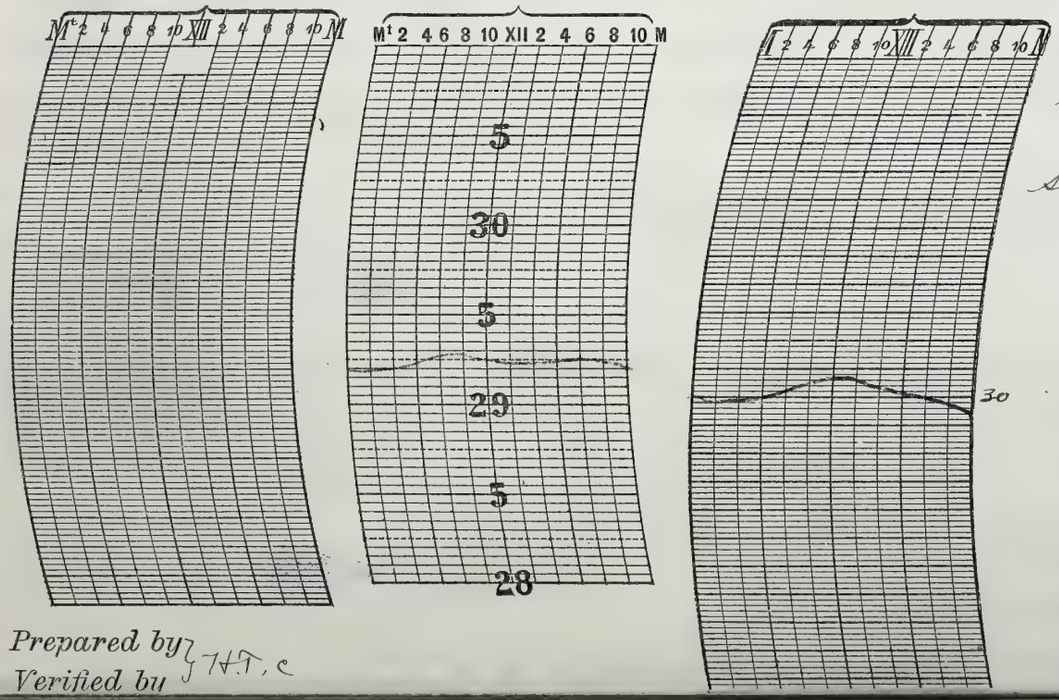
Total depth of snow for 24 hours ending 1 p. m., 0 inches.
Snow on ground 7 p. m., T inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 1 a. m., 0 ins.; to 1 p. m., .0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy Moon phase,
Average daily cloudiness (0-10) 10
Actual sunshine, hours, 0
Possible sunshine, hours, 9.3
Percentage of possible sunshine, 0
Prevailing direction S, W
Total movement, 139
Average hourly velocity, 5.8

Maximum velocity,	Direction,	Time.
13	W	11.17 A.M.

Extreme velocity, 13

	a. m.	p. m.
Relative humidity,	74	83
Reduced barometer,	30.19	30.19

River gage, 2.7 ft.



NOTES.

Streets and walks in many places slippery from snow and ice

Prepared by J. H. T.
Verified by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) Fort Wayne, Ind., (Day of week) Wednesday, (Date) DEC 31 1913, 191

Time (local standard), 90 mer. — 1 hours slower than 75th meridian time.

	A. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P. M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
Temperature at end of hour	27	26	26	26	26	26	27	27	27	27	27	28	28	28	28	29	29	30	29	29	29	29	29	29
State of weather: Nature of precipitation and time of beginning and ending																								
Amounts of precipitation																								
Cloudiness and other conditions								Cloudy					Cloudy											
Sunrise: Time, Character	7.06 Cloudy																							
Sunset: Time, Character																					4.22 Cloudy			
Sunshine (in tenths of hours)								0	0	0	0	0	0	0	0	0	0							
Wind direction	S	E	E	E	E	E	E	E	NE	NE	NE	E	NE	NE	NE	NE	NE	E	NE	E	E	E	E	E
Wind movement	4	3	5	5	5	3	5	5	6	8	7	7	7	7	7	7	6	6	6	4	5	4	5	6
Maximum velocities (exceeding 29 miles) direction and time																								

Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

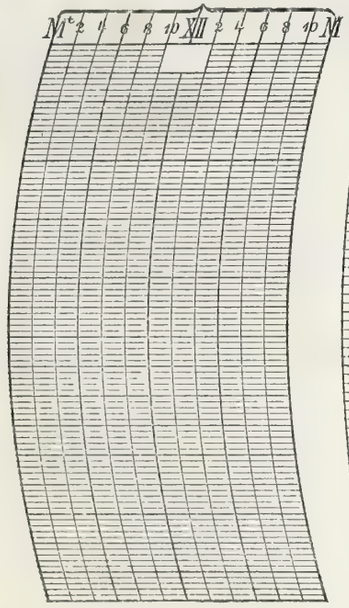
Excessive precipitation, accumulated amounts

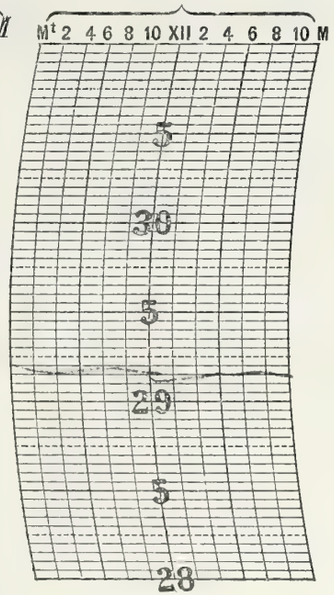
	Maximum.	Minimum.	Mean.	Normal.
	30	26	28	

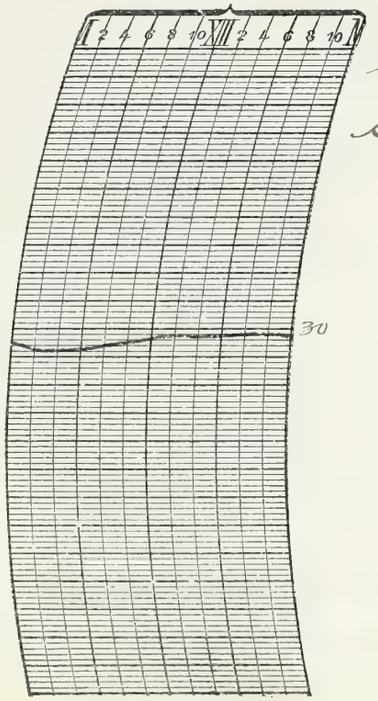
Total depth of snow for 24 hours ending 7 p. m., 0 inches.
Snow on ground 7 p. m., 7 inches.
Total snowfall, midnight to midnight, 0 inches.
Precipitation to 7 a. m., 0 ins.; to 7 p. m., 0 ins.
Total precipitation, midnight to midnight, 0 inches.
Character of day, Cloudy. Moon phase,
Average daily cloudiness (0-10) 10
Actual sunshine, hours, 0
Possible sunshine, hours, 9.3
Percentage of possible sunshine, 0
Prevailing direction E
Total movement, 133
Average hourly velocity, 5.6

Maximum velocity,	Direction,	Time.
10	NE	10.35 A.M.

Extreme velocity, 10
Relative humidity, 70 a. m. 83 p. m.
Reduced barometer, 30.09 a. m. 30.10 p. m.
River gage, 2.3 ft







NOTES.

Streets and walks in many places slippery from snow and ice

Prepared by
Verified by H.T.C

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____mer.	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
State of weather. Amounts of precipitation																								
State of weather. Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0–10) ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

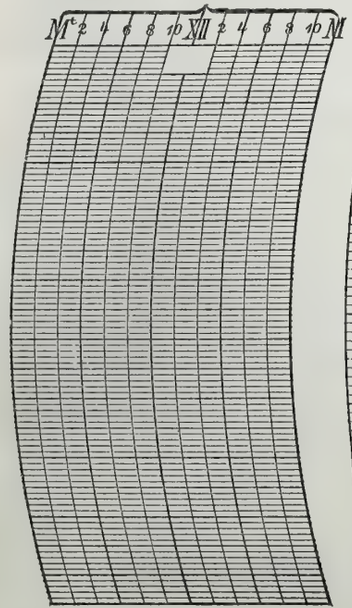
Maximum velocity, ____ Direction, ____ Time. ____

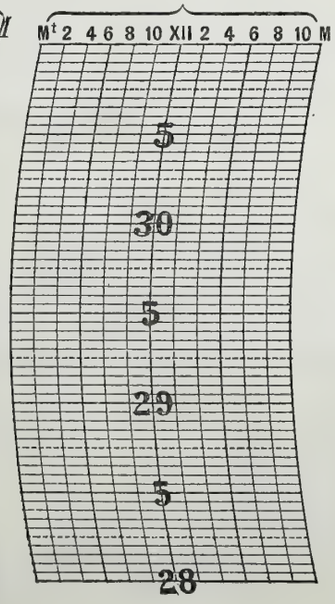
Extreme velocity, ____

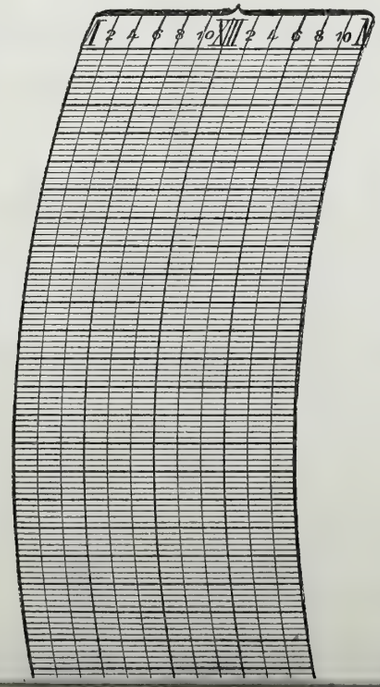
Relative humidity, ____ a. m. ____ p. m.

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____







NOTES.

Prepared by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
State of weather: Amounts of precipitation																								
State of weather: Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles) direction and time																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.																	
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																								

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Average daily cloudiness (0–10) _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

Maximum velocity, _____ Direction, _____ Time. _____

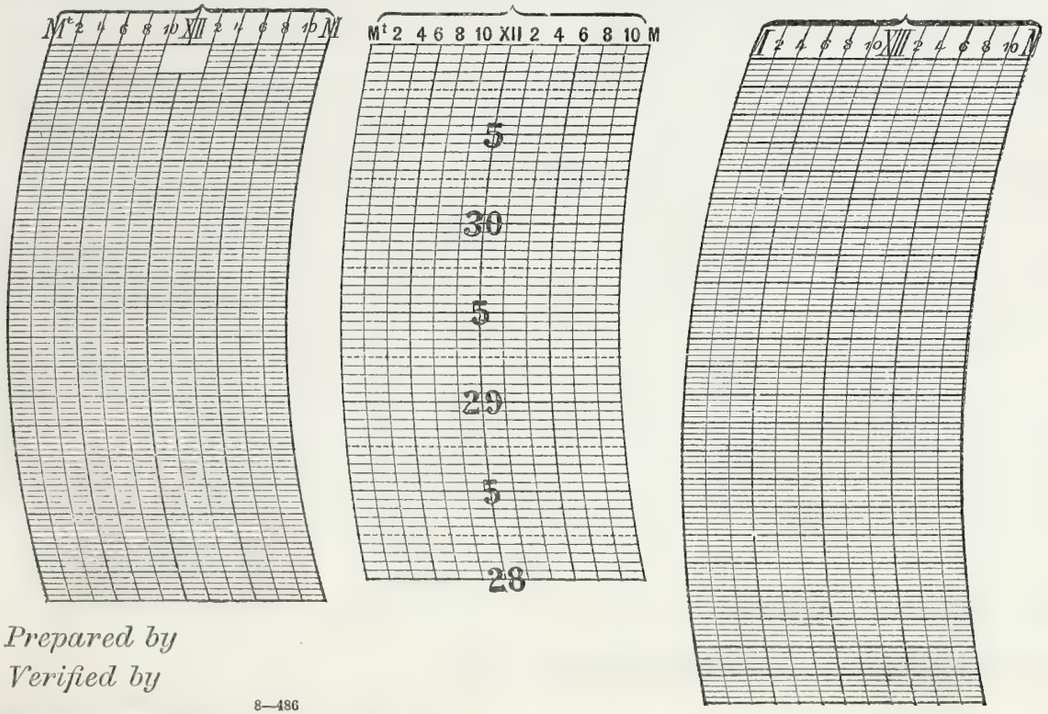
Extreme velocity, _____

Relative humidity, _____ a. m. _____ p. m.

Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.



Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
State of weather. Amounts of precipitation																								
State of weather. Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles) direction and time																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Average daily cloudiness (0–10) _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

Maximum velocity, _____ Direction, _____ Time. _____

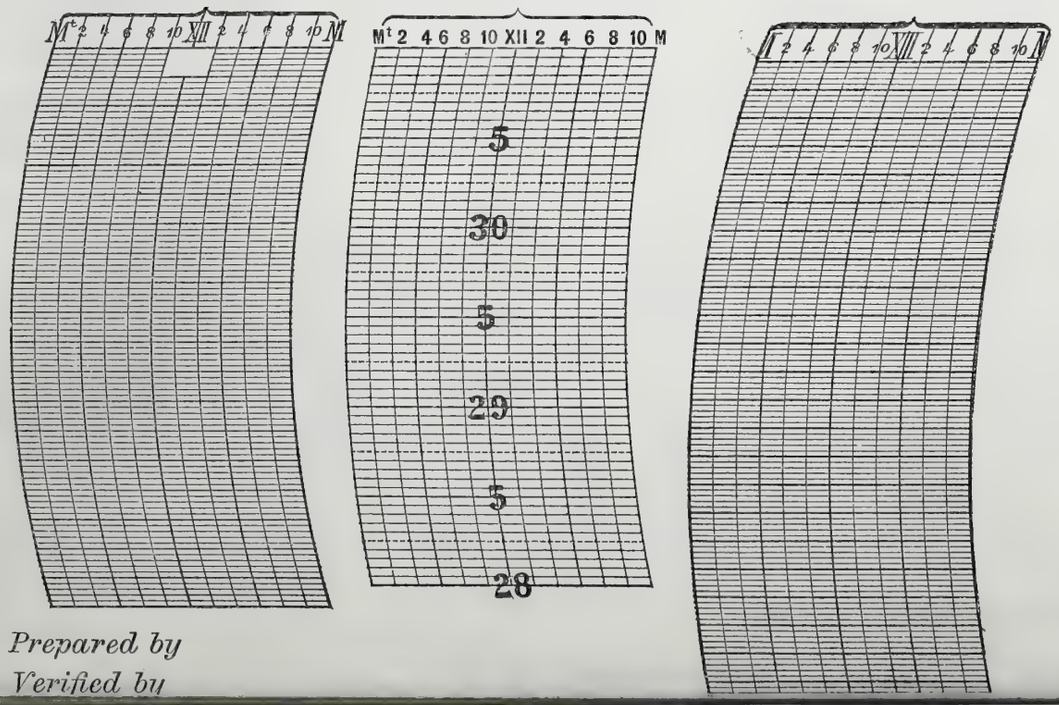
Extreme velocity, _____

Relative humidity, _____ a. m. _____ p. m.

Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.



Prepared by

Verified by

Verified by

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, 191

Time (local standard), _____mer.	A. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	P. M. 12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
State of weather. Amounts of precipitation																								
State of weather. Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	To—	Total amount of precipitation.	Excessive rate. Began—	Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

_____ hours slower than 75th meridian time.

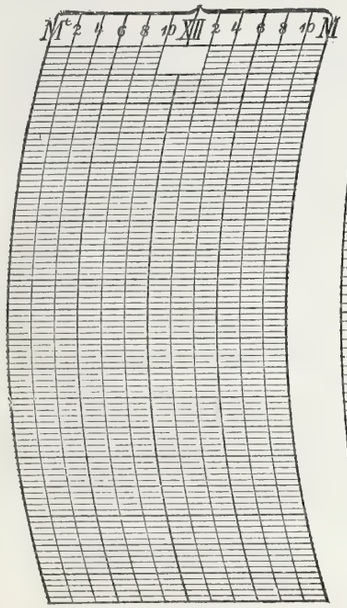
Maximum.	Minimum.	Mean.	Normal.

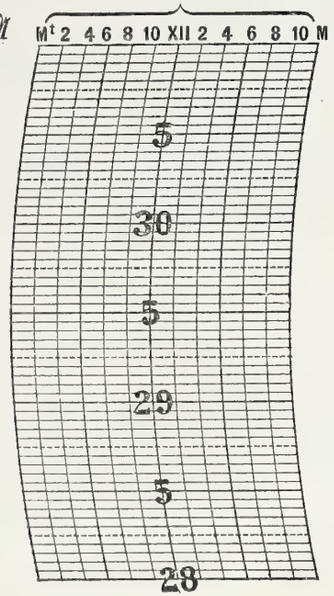
Total depth of snow for 24 hours ending _____ p. m., _____ inches.
Snow on ground _____ p. m., _____ inches.
Total snowfall, midnight to midnight, _____ inches.
Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.
Total precipitation, midnight to midnight, _____ inches.
Character of day, _____ Moon phase, _____
Average daily cloudiness (0–10) _____
Actual sunshine, hours, _____
Possible sunshine, hours, _____
Percentage of possible sunshine, _____
Prevailing direction _____
Total movement, _____
Average hourly velocity, _____

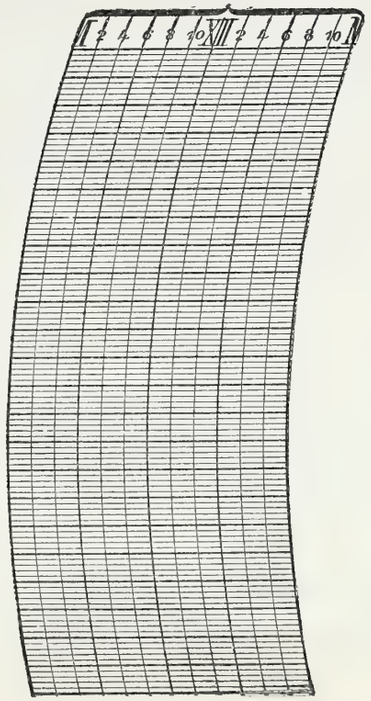
Maximum velocity,	Direction,	Time.

Extreme velocity, _____
Relative humidity, _____ a. m. _____ p. m.
Reduced barometer, _____ a. m. _____ p. m.
River gage, _____

NOTES.







Prepared by
Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
State of weather. Amounts of precipitation																								
State of weather. Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles) direction and time																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

_____ hours slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Average daily cloudiness (0–10) _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

Maximum velocity,	Direction,	Time.
_____	_____	_____

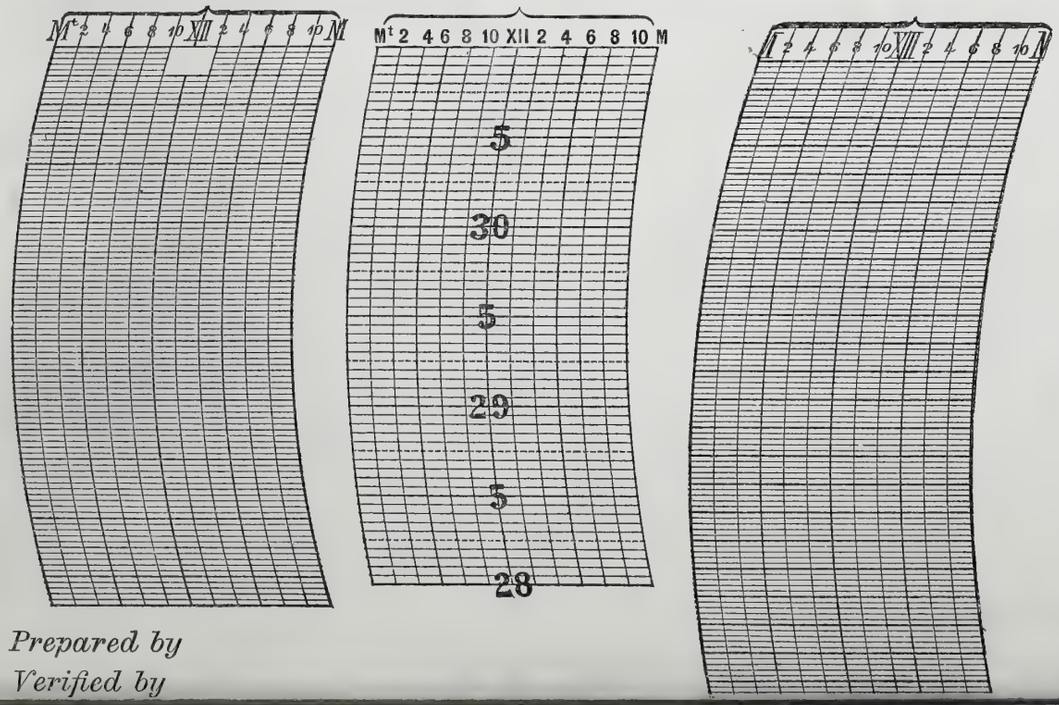
Extreme velocity, _____

Relative humidity, _____ a. m. _____ p. m.

Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.



Prepared by

Verified by

Verified by

Form No. 1041 Rev. 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
State of weather. Amounts of precipitation																								
State of weather. Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

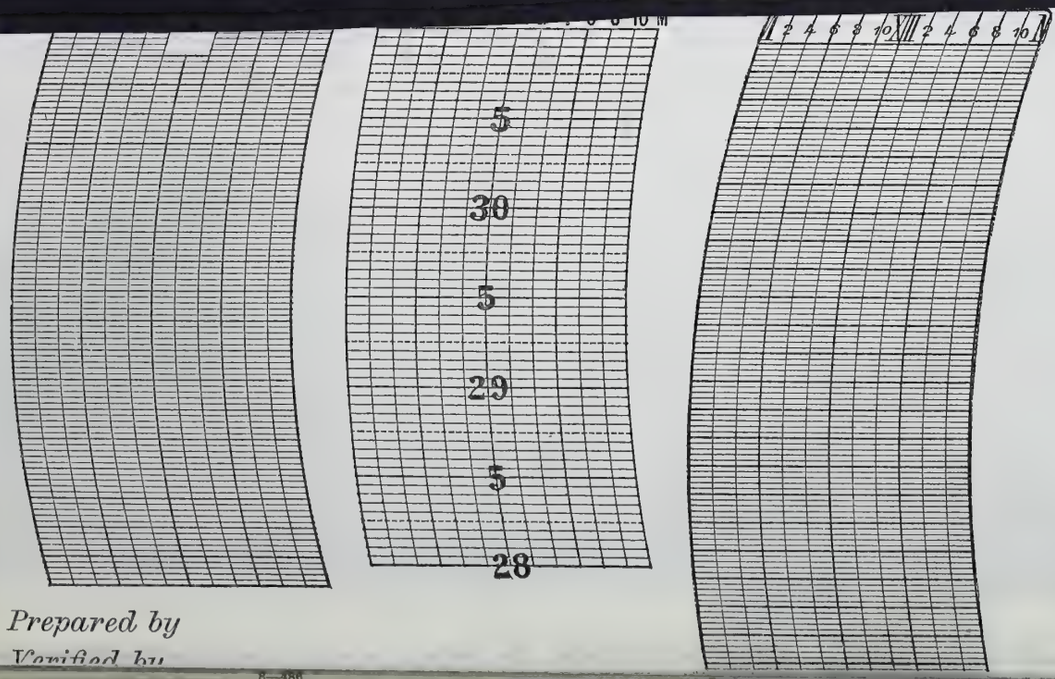
Average daily cloudiness (0–10) _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____



Prepared by

Verified by

Form No. 1011—Met.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
State of weather. Amounts of precipitation																								
State of weather. Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles) direction and time																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.													
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

_____ hours slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Average daily cloudiness (0–10) _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

Maximum velocity, _____ Direction, _____ Time. _____

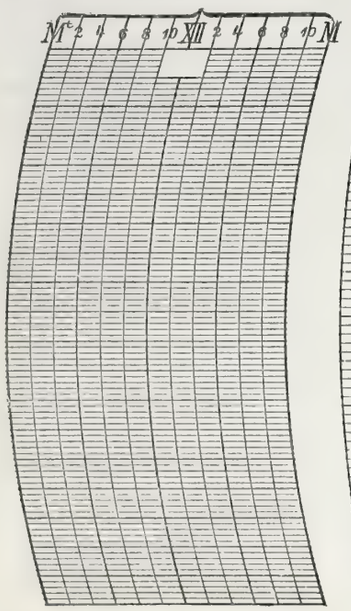
Extreme velocity, _____

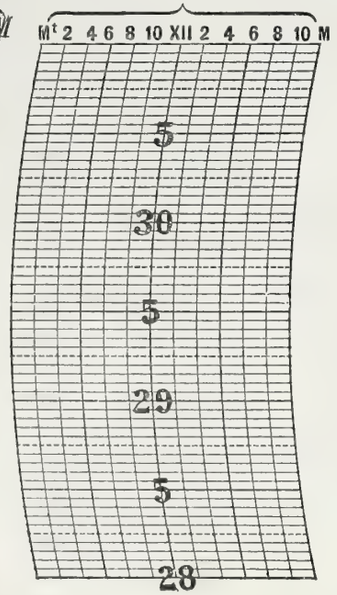
Relative humidity, _____ a. m. _____ p. m.

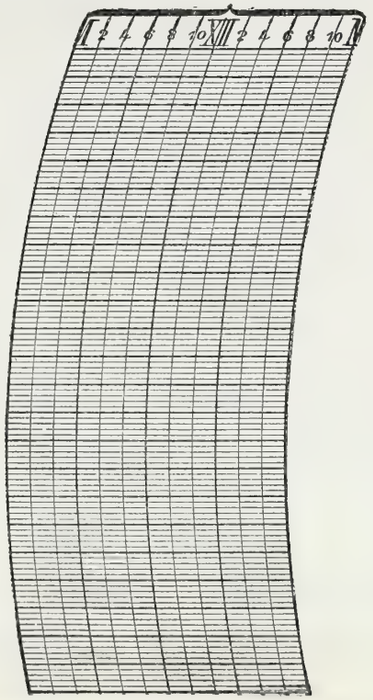
Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.







Prepared by

Verified by

8—486

Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), ____mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
State of weather. Amounts of precipitation																								
State of weather. Cloudiness and other conditions																								
	Sunrise: Time, ____ Character, ____																				Sunset: Time, ____ Character, ____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding ____ miles) direction and time																								

Excessive precipitation, accumulated amounts	Total duration. From—	Total duration. To—	Total amount of precipitation.	Excessive rate. Began—	Excessive rate. Ended—	Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below. 5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.

____ hours slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending ____ p. m., ____ inches.

Snow on ground ____ p. m., ____ inches.

Total snowfall, midnight to midnight, ____ inches.

Precipitation to ____ a. m., ____ ins.; to ____ p. m., ____ ins.

Total precipitation, midnight to midnight, ____ inches.

Character of day, ____ Moon phase, ____

Average daily cloudiness (0–10) ____

Actual sunshine, hours, ____

Possible sunshine, hours, ____

Percentage of possible sunshine, ____

Prevailing direction ____

Total movement, ____

Average hourly velocity, ____

Maximum velocity, ____ Direction, ____ Time. ____

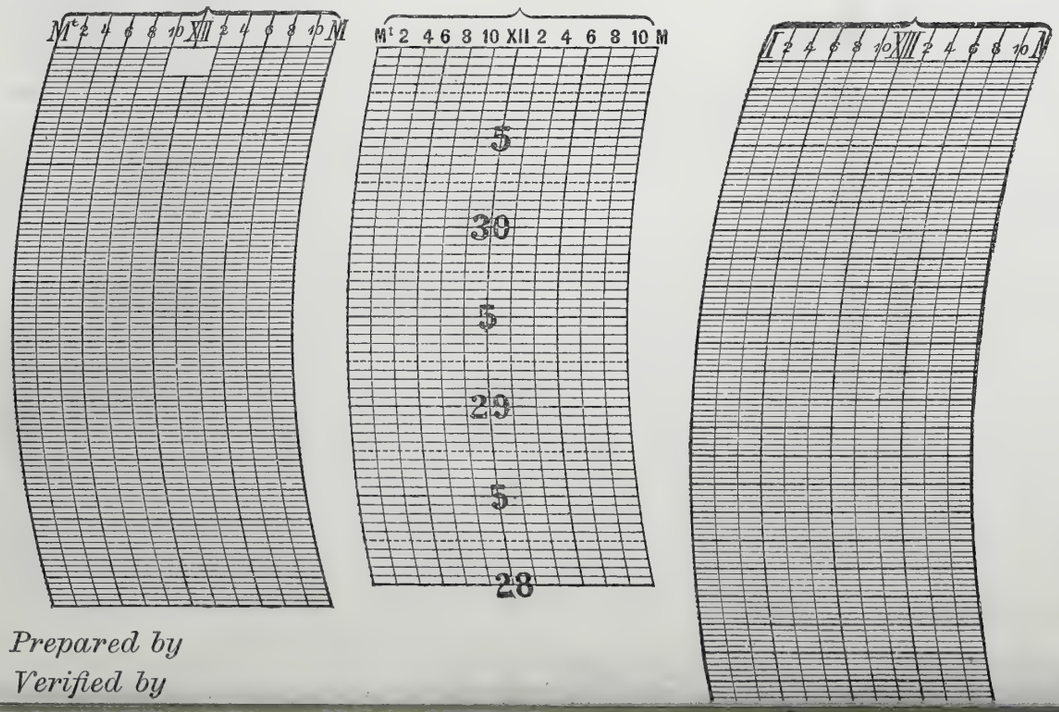
Extreme velocity, ____

Relative humidity, ____ a. m. ____ p. m.

Reduced barometer, ____ a. m. ____ p. m.

River gage, ____

NOTES.



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U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
State of weather. Amounts of precipitation																								
State of weather. Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles) direction and time																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.															
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																						

_____ hours slower than 75th meridian time.

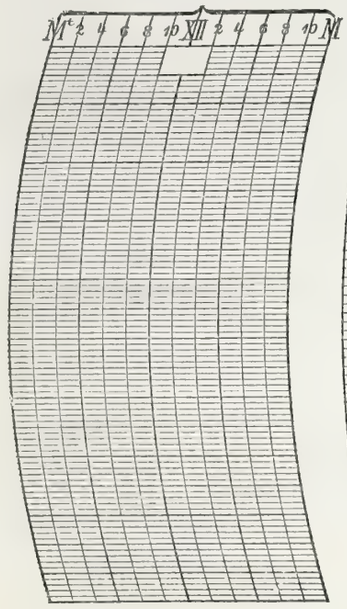
Maximum.	Minimum.	Mean.	Normal.

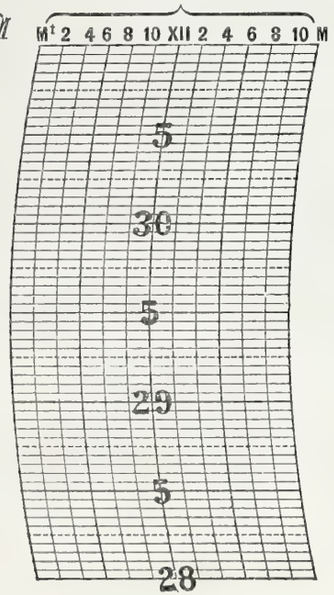
Total depth of snow for 24 hours ending _____ p. m., _____ inche
Snow on ground _____ p. m., _____ inches.
Total snowfall, midnight to midnight, _____ inches.
Precipitation to _____ a. m., _____ ins.; to _____p. m., _____ ins.
Total precipitation, midnight to midnight, _____ inches.
Character of day, _____ Moon phase, _____
Average daily cloudiness (0–10)_____
Actual sunshine, hours, _____
Possible sunshine, hours, _____
Percentage of possible sunshine, _____
Prevailing direction _____
Total movement, _____
Average hourly velocity, _____

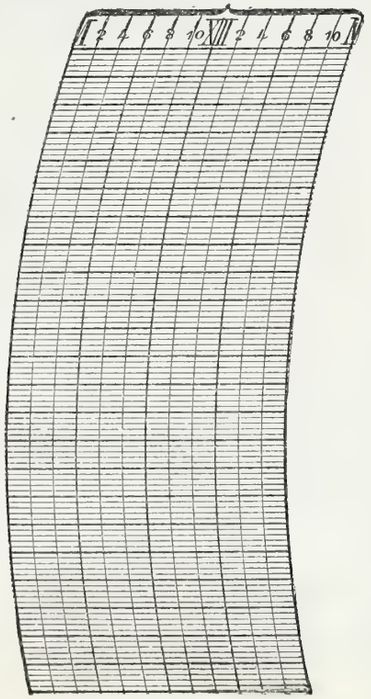
Maximum velocity,	Direction,	Time.
_____	_____	_____

Extreme velocity, _____
Relative humidity, _____ a. m. _____ p. m.
Reduced barometer, _____ a. m. _____ p. m.
River gage, _____

NOTES.







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Form No. 1014—Met'l.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____mer.

	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather. Nature of precipitation and time of beginning and ending																								
State of weather. Amounts of precipitation																								
State of weather. Cloudiness and other conditions																								
	Sunrise: Time, Character,																				Sunset: Time, Character,			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles) direction and time																								

	Total duration.		Total amount of precipitation.	Excessive rate.		Amount before excessive began.	Accumulated depths during excessive rate, for consecutive periods of time indicated below.															
	From—	To—		Began—	Ended—		5 min.	10 min.	15 min.	20 min.	25 min.	30 min.	35 min.	40 min.	45 min.	50 min.	60 min.	80 min.	100 min.	120 min.
Excessive precipitation, accumulated amounts																				

_____ hours slower than 75th meridian time.

	Maximum.	Minimum.	Mean.	Normal.
Temperature				

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Average daily cloudiness (0–10) _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

Maximum velocity, _____ Direction, _____ Time. _____

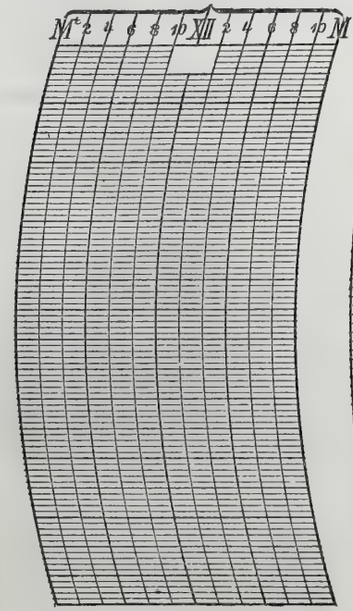
Extreme velocity, _____

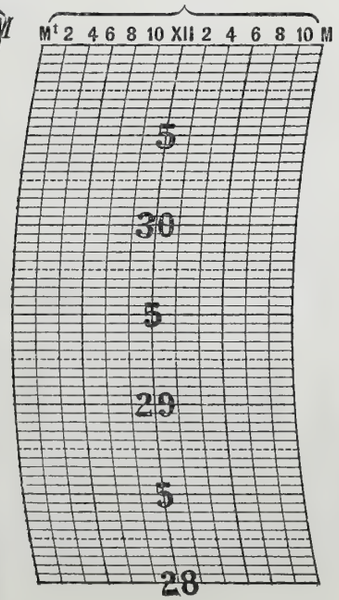
Relative humidity, _____ a. m. _____ p. m.

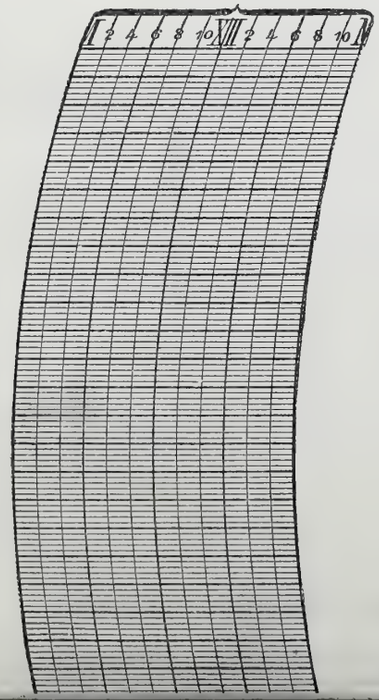
Reduced barometer, _____ a. m. _____ p. m.

River gage, _____

NOTES.







Prepared by

Verified by

FORM NO. 1012—Rev. 1.

U. S. DEPARTMENT OF AGRICULTURE, WEATHER BUREAU.

DAILY LOCAL RECORD.

(Station) _____, *(Day of week)* _____, *(Date)* _____, *191*

Time (local standard), _____mer.	A. M.												P. M.											
	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12	12–1	1–2	2–3	3–4	4–5	5–6	6–7	7–8	8–9	9–10	10–11	11–12
Temperature at end of hour																								
State of weather: Nature of precipitation and time of beginning and ending																								
State of weather: Amounts of precipitation																								
State of weather: Cloudiness and other conditions																								
	Sunrise: Time, _____ Character, _____																				Sunset: Time, _____ Character, _____			
Sunshine (in tenths of hours)																								
Wind direction																								
Wind movement																								
Maximum velocities (exceeding _____ miles)																								

_____ hours slower than 75th meridian time.

Maximum.	Minimum.	Mean.	Normal.

Total depth of snow for 24 hours ending _____ p. m., _____ inches.

Snow on ground _____ p. m., _____ inches.

Total snowfall, midnight to midnight, _____ inches.

Precipitation to _____ a. m., _____ ins.; to _____ p. m., _____ ins.

Total precipitation, midnight to midnight, _____ inches.

Character of day, _____ Moon phase, _____

Average daily cloudiness (0–10) _____

Actual sunshine, hours, _____

Possible sunshine, hours, _____

Percentage of possible sunshine, _____

Prevailing direction _____

Total movement, _____

Average hourly velocity, _____

Maximum velocity, _____ Direction, _____ Time. _____

_____ p. m.

_____ p. m.

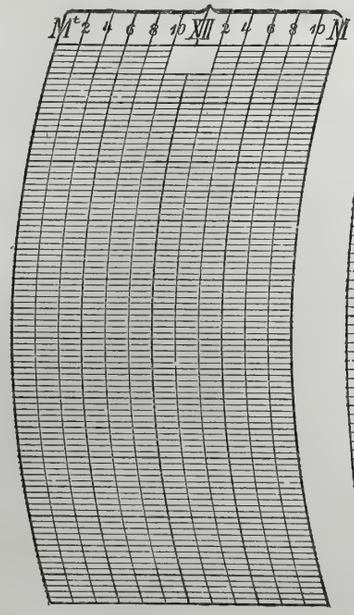
Excessive precipitation amounts

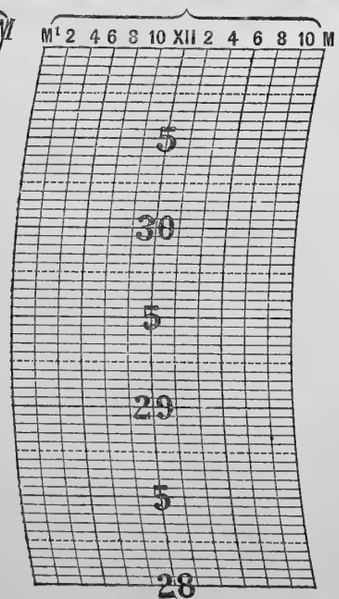
min. | min.

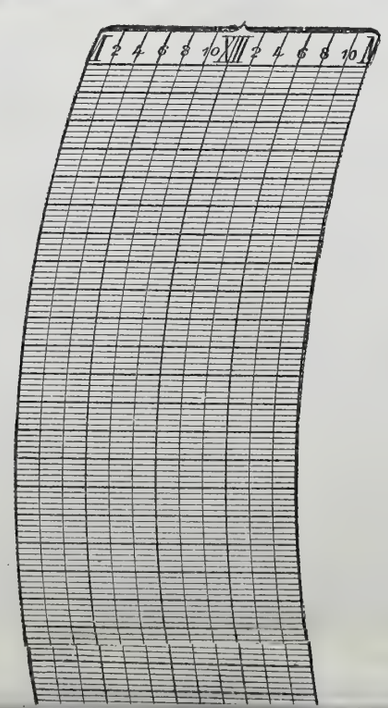
Relative humidity, ---------- a. m. ---------- p. m.

Reduced barometer, ---------- a. m. ---------- p. m.

River gage, ----------







NOTES.

Prepared by

Verified by

INDEX, DAILY LOCAL RECORD, 191

SUBJECTS.	JANUARY.	FEBRUARY.	MARCH.	APRIL.	MAY.	JUNE.	JULY.	AUGUST.	SEPTEMBER.	OCTOBER.	NOVEMBER.	DECEMBER.
Auroras	0	0	0	0	0	0	0	0	0	0	0	0
Clouds, special formation	0	0	0	0	0	0	0	0	0	0	0	0
Cold waves	20, 30	3, 11	2, 21	0	0	0	0	0	0	0	0	0
Dew, heavy deposits of	0	0	0	0	0	0	0	0	0	0	0	0
Droughts	0	0	0	0	0	0	0	0	0	0	0	0
Earthquakes	0	0	0	0	0	0	0	0	0	0	0	0
Fires, forest	0	0	0	0	0	0	0	0	0	0	0	0
Fog, light	11	26	0	0	30	0	0	0	29	1.24.26.29	5.27.28.29.30	2 & 15
Dense	11	0	0	0	0	0	0	0	30	26	0	2 & 15
Floods, other than in rivers	0	0	0	0	0	0	0	0	0	0	0	0
Frosts, light	0	0	0	15.21 & 27	10.12	8. & 9.10	0	0	0	0	—	0
Heavy	—	—	—	~~15.21.27~~ 0	~~11.0.12~~	~~8.9.10~~	0	0	0	—	—	0
Killing	—	—	—	20	0 &	0	0	0	& 23	—	—	0
First killing after July 15	—	—	—	—	—	—	0	0	23	—	—	0
Last killing before July 15	0	0	0	20	—	—	—	—	—	—	—	0
Last heavy before July 15	0	0	0	0	11	—	—	—	—	—	—	0
First heavy after July 15	—	—	—	—	—	—	0	0	23	—	—	0
Hail. *See* Precipitation	0	0	0	0	0	0	0	0	30	0	0	0
Ice	—	—	—	—	—	—	—	—	—	—	—	0
Lightning, damage by	0	0	0	0	0	0	0	0	0	0	0	0
Deaths by	0	0	0	0	0	0	0	0	0	0	0	0
Meteors	0	0	0	0	0	0	0	0	0	0	0	0
Navigation, opening	0	0	0	0	0	0	0	0	0	0	0	0
Closing	0	0	0	0	0	0	0	0	0	0	0	0
Impeded	0	0	0	0	0	0	0	0	0	0	0	0
Observations, not taken	0	0	0	0	0	0	0	0	0	0	0	0
Taken late	0	0	0	0	0	0	0	0	0	0	16"	0
Special	7	11	3, 21	0	9	0	0	0	0	27	0	0
Optical phenomena, haze	0	0	0	0	0	0	0	0	0	0	0	0
Coronæ	0	0	0	0	0	0	0	0	0	0	0	0
Halo, lunar	0	0	0	0	0	0	0	0	0	0	0	0
Solar	0	0	0	0	0	0	0	0	0	0	0	27
Parhelia	0	0	0	0	0	0	0	0	0	0	0	0
Parselenæ	0	0	0	0	0	0	0	0	0	0	0	0
Rainbows	0	0	0	0	0	0	0	0	0	0	0	0
Sunrise, peculiar	0	0	0	0	0	0	0	0	0	0	0	0
Sunset, peculiar	0	0	0	0	0	0	0	0	0	0	0	0
Zodiacal light	0	0	0	0	0	0	0	0	0	0	0	0
Precipitation, rain, light	—	—	—	6	—	—	0	0	0	0	0	0
Heavy	17-20	0	23, 24	10	26	0	14	0	30	0	0	0

ENTER DATES, NOT PAGES.

INDEX, DAILY LOCAL RECORD, 191

SUBJECTS.	JANUARY.	FEBRUARY.	MARCH.	APRIL.	MAY.	JUNE.	JULY.	AUGUST.	SEPTEMBER.	OCTOBER.	NOVEMBER.	DECEMBER.
Precipitation, rain—Continued.												
Excessive	0	0	23+24	0	0	0	14	0	30	0	0	0
Showers, light	—	—	—	—	—	—	—	—	—	—	0	0
Heavy	—	—	—	—	—	—	—	—	—	—	0	0
Sleet	5, 7	0	0	0	0	0	0	0	0	0	0	0
Snow, light	—	—	—	—	—	—	—	—	—	—	0	0
Heavy	—	—	—	—	—	—	—	—	—	—	0	0
Hail	0	0	0	0	0	0	0	0	30	0	0	0
Wet periods	0	0	21 to 26 incl	0	0	0	0	0	0	0	0	0
Rivers, rapid rise	0	0	0	0	0	0	0	0	0	0	0	0
Flood stages	18 to 26 incl	0	24 - - - 2 incl	11. 12. 13	0	0	0	0	0	0	0	0
Low-water stages, unusual	—	—	—	—	—	—	—	—	—	—	0	0
High water, periods of	0	0	24 - - - 2 inclusive		0	0	0	0	0	0	0	0
Frozen	0	0	0	0	0	0	0	0	0	0	0	0
Floating débris	—	—	—	—	—	—	—	—	—	—	0	0
Gorges	9 to 17 incl	0	0	0	0	0	0	0	0	0	0	0
Running ice	0	—	—	—	—	—	—	—	—	—	—	—
Warnings. *See* Warnings												
Smoke, light	0	0	0	0	0	0	0	0	0	0	0	0
Dense	0	0	0	0	0	0	0	0	0	0	0	0
Temperature, unusually high												
Unusually low												
Sudden rise												
Sudden fall												
Periods of high												
Periods of low												
Thunderstorms	0	0	0	0	0	0	0	0	0	0		
Tornadoes	0	0	0	0	0	0	0	0	0	0		
Warnings, advisory												
Cold wave	5-6-11-20 30, 31	3-11-26	1+14 20, 21	0	0	0	0	0	0	0	0	0
Inland storm	0	0	0	0	0	0	0	0	0	0	0	0
Emergency	0	0	0	0	0	0	0	0	0	0	0	0
Frost												
Hurricane	0	0	0	0	0	0	0	0	0	0	0	0
Rapid rise in river												
Flood												
Winds, 25 to 39 miles per hour												
40 miles per hour, or over												
Hurricanes	0	0	0	0	0	0	0	0	0	0	0	0

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